

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017062.D
 Acq On : 19 Jan 2024 17:41
 Operator : SY/MD
 Sample : P1184-11MSD
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

Quant Time: Jan 19 22:26:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.819	168	127179	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	219490	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	185062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	51066	40.626	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.260%		
35) Dibromofluoromethane	7.746	113	65202	46.617	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.240%		
50) Toluene-d8	10.203	98	217034	45.062	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.120%		
62) 4-Bromofluorobenzene	12.501	95	71402	43.940	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	50488	53.150	ug/l	95
3) Chloromethane	2.131	50	84827	56.779	ug/l	100
4) Vinyl Chloride	2.271	62	100276	56.903	ug/l	99
5) Bromomethane	2.680	94	72303	57.271	ug/l	95
6) Chloroethane	2.820	64	65619	55.046	ug/l	100
7) Trichlorofluoromethane	3.155	101	103730	47.773	ug/l	98
8) Diethyl Ether	3.558	74	28880	41.619	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.936	101	63429	44.927	ug/l	99
10) Methyl Iodide	4.125	142	67188	55.939	ug/l	99
11) Tert butyl alcohol	4.984	59	11810	110.644	ug/l #	95
12) 1,1-Dichloroethene	3.911	96	61863	51.070	ug/l	99
13) Acrolein	3.759	56	21174	151.366	ug/l	96
14) Allyl chloride	4.521	41	94182	49.182	ug/l	96
15) Acrylonitrile	5.204	53	54527	167.995	ug/l	98
16) Acetone	3.978	43	49403	149.792	ug/l	98
17) Carbon Disulfide	4.235	76	189377	65.430	ug/l	98
18) Methyl Acetate	4.515	43	55808	41.441	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	123341	39.138	ug/l	98
20) Methylene Chloride	4.759	84	78280	47.854	ug/l	98
21) trans-1,2-Dichloroethene	5.265	96	73748	53.157	ug/l	96
22) Diisopropyl ether	6.155	45	203052	45.864	ug/l	97
23) Vinyl Acetate	6.100	43	360142	177.410	ug/l	99
24) 1,1-Dichloroethane	6.063	63	127289	47.844	ug/l	97
25) 2-Butanone	7.021	43	68895	157.004	ug/l	100
26) 2,2-Dichloropropane	7.015	77	105653	45.802	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	80165	49.293	ug/l	100
28) Bromochloromethane	7.368	49	54703	54.769	ug/l	100
29) Tetrahydrofuran	7.380	42	42056	165.308	ug/l	98
30) Chloroform	7.539	83	129489	47.230	ug/l	98
31) Cyclohexane	7.819	56	110416	51.180	ug/l	98
32) 1,1,1-Trichloroethane	7.734	97	112521	48.403	ug/l	100
36) 1,1-Dichloropropene	7.947	75	101169	49.632	ug/l	100
37) Ethyl Acetate	7.106	43	30350	32.764	ug/l	98
38) Carbon Tetrachloride	7.929	117	97808	47.228	ug/l	99
39) Methylcyclohexane	9.209	83	119340	52.079	ug/l	98
40) Benzene	8.191	78	299080	48.912	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017062.D
 Acq On : 19 Jan 2024 17:41
 Operator : SY/MD
 Sample : P1184-11MSD
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

Quant Time: Jan 19 22:26:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	17949	36.791	ug/l	99
42) 1,2-Dichloroethane	8.264	62	66820	41.163	ug/l	100
43) Isopropyl Acetate	8.295	43	58321	32.878	ug/l	97
44) Trichloroethene	8.965	130	76297	49.036	ug/l	96
45) 1,2-Dichloropropane	9.240	63	70205	44.567	ug/l	99
46) Dibromomethane	9.331	93	32154	40.022	ug/l	99
47) Bromodichloromethane	9.520	83	92655	42.948	ug/l	97
48) Methyl methacrylate	9.319	41	34332	35.863	ug/l	98
49) 1,4-Dioxane	9.319	88	5140	617.893	ug/l	94
51) 4-Methyl-2-Pentanone	10.087	43	151314	160.395	ug/l	99
52) Toluene	10.264	92	182681	49.504	ug/l	98
53) t-1,3-Dichloropropene	10.483	75	78522	40.634	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	102341	44.099	ug/l	95
55) 1,1,2-Trichloroethane	10.666	97	44333	37.772	ug/l	97
56) Ethyl methacrylate	10.526	69	36126	36.339	ug/l	98
57) 1,3-Dichloropropane	10.807	76	76688	39.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	125738	204.416	ug/l	100
59) 2-Hexanone	10.849	43	103191	148.553	ug/l	100
60) Dibromochloromethane	11.002	129	53544	39.559	ug/l	99
61) 1,2-Dibromoethane	11.105	107	39036	38.280	ug/l	100
64) Tetrachloroethene	10.739	164	59093	49.253	ug/l	100
65) Chlorobenzene	11.532	112	181775	47.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	65647	44.795	ug/l	99
67) Ethyl Benzene	11.611	91	344168	49.587	ug/l	100
68) m/p-Xylenes	11.721	106	259114	101.707	ug/l	99
69) o-Xylene	12.044	106	117980	49.398	ug/l	100
70) Styrene	12.062	104	168798	48.560	ug/l	99
71) Bromoform	12.227	173	26329	36.494	ug/l #	97
73) Isopropylbenzene	12.349	105	323177	52.668	ug/l	100
74) N-amyl acetate	12.160	43	44464	36.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	45090	36.065	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	29424m	36.084	ug/l	
77) Bromobenzene	12.623	156	63674	47.131	ug/l	96
78) n-propylbenzene	12.684	91	387622	51.962	ug/l	100
79) 2-Chlorotoluene	12.770	91	209156	50.562	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	257940	53.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	12697	35.358	ug/l	98
82) 4-Chlorotoluene	12.873	91	211949	50.152	ug/l	100
83) tert-Butylbenzene	13.093	119	225959	52.863	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	250273	52.367	ug/l	98
85) sec-Butylbenzene	13.270	105	327317	51.680	ug/l	99
86) p-Isopropyltoluene	13.385	119	271508	51.943	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	126678	47.810	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	119805	46.230	ug/l	99
89) n-Butylbenzene	13.715	91	253518	50.444	ug/l	100
90) Hexachloroethane	13.977	117	54866	48.848	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	103714	45.295	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4926	31.420	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	48939	43.041	ug/l	98
94) Hexachlorobutadiene	15.129	225	31404	44.088	ug/l	98
95) Naphthalene	15.257	128	75714	37.705	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	38803	40.191	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
Data File : VY017062.D
Acq On : 19 Jan 2024 17:41
Operator : SY/MD
Sample : P1184-11MSD
Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
Supervised By :Semsettin Yesilyurt 01/22/2024

Quant Time: Jan 19 22:26:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017062.D
 Acq On : 19 Jan 2024 17:41
 Operator : SY/MD
 Sample : P1184-11MSD
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MSD

Quant Time: Jan 19 22:26:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

