

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017175.D
 Acq On : 02 Feb 2024 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/05/2024
 Supervised By : Mahesh Dadoda 02/05/2024

Quant Time: Feb 02 22:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	124904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	186838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	51488	46.144	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	92.280%	
35) Dibromofluoromethane	7.734	113	53512	46.005	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	92.020%	
50) Toluene-d8	10.191	98	198335	46.832	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	93.660%	
62) 4-Bromofluorobenzene	12.495	95	63448	45.735	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	91.460%	
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.905	85	45476	48.028	ug/l	99
3) Chloromethane	2.119	50	92029	54.103	ug/l	99
4) Vinyl Chloride	2.253	62	114696	55.332	ug/l	100
5) Bromomethane	2.655	94	76889	53.511	ug/l	98
6) Chloroethane	2.802	64	74735	55.839	ug/l	98
7) Trichlorofluoromethane	3.131	101	114376	53.660	ug/l	99
8) Diethyl Ether	3.533	74	36478	54.407	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	70671	54.695	ug/l	98
10) Methyl Iodide	4.100	142	76616	56.403	ug/l	99
11) Tert butyl alcohol	4.960	59	22237	235.842	ug/l	100
12) 1,1-Dichloroethene	3.881	96	66219	54.694	ug/l	96
13) Acrolein	3.734	56	20728	222.926	ug/l	98
14) Allyl chloride	4.490	41	103565	56.583	ug/l	98
15) Acrylonitrile	5.179	53	79253	262.537	ug/l	99
16) Acetone	3.954	43	97742	298.036	ug/l	98
17) Carbon Disulfide	4.204	76	208270	53.889	ug/l	99
18) Methyl Acetate	4.490	43	41882	57.246	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	159950	54.855	ug/l	98
20) Methylene Chloride	4.734	84	72972	54.654	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	77176	56.034	ug/l	99
22) Diisopropyl ether	6.136	45	228686	56.895	ug/l	96
23) Vinyl Acetate	6.069	43	669371	274.843	ug/l	99
24) 1,1-Dichloroethane	6.033	63	136375	55.385	ug/l	99
25) 2-Butanone	6.996	43	124938	286.572	ug/l	99
26) 2,2-Dichloropropane	6.996	77	116104	56.689	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	86061	55.867	ug/l	99
28) Bromochloromethane	7.350	49	51539	54.666	ug/l	99
29) Tetrahydrofuran	7.362	42	64971	263.810	ug/l	99
30) Chloroform	7.520	83	136669	55.175	ug/l	99
31) Cyclohexane	7.801	56	120676	53.656	ug/l	97
32) 1,1,1-Trichloroethane	7.715	97	120121	56.379	ug/l	100
36) 1,1-Dichloropropene	7.929	75	109273	54.462	ug/l	100
37) Ethyl Acetate	7.087	43	45306	48.686	ug/l	98
38) Carbon Tetrachloride	7.917	117	106065	55.212	ug/l	98
39) Methylcyclohexane	9.197	83	130654	55.740	ug/l	98
40) Benzene	8.173	78	313075	54.641	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017175.D
 Acq On : 02 Feb 2024 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/05/2024
 Supervised By :Mahesh Dadoda 02/05/2024

Quant Time: Feb 02 22:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	26307	59.666	ug/l	99
42) 1,2-Dichloroethane	8.246	62	80570	53.111	ug/l	100
43) Isopropyl Acetate	8.282	43	86511	52.516	ug/l	99
44) Trichloroethene	8.953	130	80885	55.613	ug/l	97
45) 1,2-Dichloropropane	9.227	63	76622	54.444	ug/l	98
46) Dibromomethane	9.319	93	41041	53.985	ug/l	96
47) Bromodichloromethane	9.508	83	104127	54.730	ug/l	95
48) Methyl methacrylate	9.307	41	40622	52.573	ug/l	100
49) 1,4-Dioxane	9.313	88	8459	1022.279	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	233751	264.710	ug/l	100
52) Toluene	10.258	92	194414	56.214	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	99284	55.556	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	119984	56.053	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	55114	53.285	ug/l	98
56) Ethyl methacrylate	10.520	69	71220	51.106	ug/l	100
57) 1,3-Dichloropropane	10.800	76	95615	53.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	148198	229.988	ug/l	100
59) 2-Hexanone	10.843	43	181902	284.874	ug/l	99
60) Dibromochloromethane	10.995	129	65299	53.814	ug/l	99
61) 1,2-Dibromoethane	11.105	107	51794	53.842	ug/l	99
64) Tetrachloroethene	10.733	164	64428	53.096	ug/l	97
65) Chlorobenzene	11.526	112	197070	54.677	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	71652	54.704	ug/l	99
67) Ethyl Benzene	11.605	91	372651	57.208	ug/l	99
68) m/p-Xylenes	11.715	106	281012	113.678	ug/l	100
69) o-Xylene	12.044	106	131370	57.708	ug/l	99
70) Styrene	12.056	104	219737	58.584	ug/l	99
71) Bromoform	12.221	173	36614	53.376	ug/l #	99
73) Isopropylbenzene	12.343	105	352546	56.626	ug/l	100
74) N-amyl acetate	12.154	43	74683	53.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	62600	51.122	ug/l	97
76) 1,2,3-Trichloropropane	12.647	75	44064m	56.333	ug/l	
77) Bromobenzene	12.623	156	72712	52.653	ug/l	99
78) n-propylbenzene	12.684	91	432825	56.605	ug/l	99
79) 2-Chlorotoluene	12.769	91	236649	56.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	280729	56.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	19814	52.635	ug/l	98
82) 4-Chlorotoluene	12.867	91	241870	55.904	ug/l	99
83) tert-Butylbenzene	13.086	119	245536	57.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	278836	57.052	ug/l	100
85) sec-Butylbenzene	13.263	105	374438	56.445	ug/l	99
86) p-Isopropyltoluene	13.379	119	302511	57.067	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	147716	53.619	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	144240	53.892	ug/l	99
89) n-Butylbenzene	13.708	91	289872	57.514	ug/l	100
90) Hexachloroethane	13.970	117	59447	54.626	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	126697	54.022	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8027	50.326	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	67873	58.264	ug/l	97
94) Hexachlorobutadiene	15.123	225	38258	55.762	ug/l	99
95) Naphthalene	15.245	128	124178	52.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	56619	57.147	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
Data File : VY017175.D
Acq On : 02 Feb 2024 09:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/05/2024
Supervised By :Mahesh Dadoda 02/05/2024

Quant Time: Feb 02 22:26:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 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\VY020224\
 Data File : VY017175.D
 Acq On : 02 Feb 2024 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/05/2024
 Supervised By : Mahesh Dadoda 02/05/2024

Quant Time: Feb 02 22:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

