

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017423.D
 Acq On : 20 Feb 2024 15:44
 Operator : SY/MD
 Sample : P1509-10MSD
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD

Quant Time: Feb 21 04:30:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
 Supervised By :Semsettin Yesilyurt 02/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	96583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	157196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	128825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	48880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	44970	54.503	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	109.000%	
35) Dibromofluoromethane	7.734	113	49639	53.946	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	107.900%	
50) Toluene-d8	10.191	98	185087	51.864	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	103.720%	
62) 4-Bromofluorobenzene	12.489	95	49065	41.526	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	83.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	41007	53.245	ug/l	98
3) Chloromethane	2.119	50	85740	54.550	ug/l	97
4) Vinyl Chloride	2.259	62	114032	55.722	ug/l	98
5) Bromomethane	2.668	94	92224	62.088	ug/l	99
6) Chloroethane	2.808	64	75919	58.236	ug/l	99
7) Trichlorofluoromethane	3.137	101	88740	50.562	ug/l	99
8) Diethyl Ether	3.540	74	26189	52.795	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	50887	50.163	ug/l	99
10) Methyl Iodide	4.107	142	64386	59.641	ug/l	99
11) Tert butyl alcohol	4.966	59	7990	124.543	ug/l #	88
12) 1,1-Dichloroethene	3.887	96	50032	52.472	ug/l	96
13) Acrolein	3.741	56	16962	197.573	ug/l	95
14) Allyl chloride	4.497	41	61354	53.088	ug/l	96
15) Acrylonitrile	5.186	53	48734	247.111	ug/l	99
16) Acetone	3.960	43	33438	187.127	ug/l	88
17) Carbon Disulfide	4.210	76	156963	51.817	ug/l	98
18) Methyl Acetate	4.497	43	20945	51.690	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	114350	53.093	ug/l	99
20) Methylene Chloride	4.734	84	64251	59.698	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	59279	53.752	ug/l	99
22) Diisopropyl ether	6.137	45	150267	56.532	ug/l	96
23) Vinyl Acetate	6.076	43	426663	270.088	ug/l	100
24) 1,1-Dichloroethane	6.039	63	99788	55.373	ug/l	100
25) 2-Butanone	7.002	43	50749	202.325	ug/l	95
26) 2,2-Dichloropropane	6.996	77	85494	55.135	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	67309	54.951	ug/l	99
28) Bromochloromethane	7.350	49	34181	50.552	ug/l	98
29) Tetrahydrofuran	7.362	42	33961	230.320	ug/l	99
30) Chloroform	7.521	83	106695	56.086	ug/l	98
31) Cyclohexane	7.801	56	78197	47.874	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	89080	53.015	ug/l	96
36) 1,1-Dichloropropene	7.935	75	77819	50.637	ug/l	98
37) Ethyl Acetate	7.088	43	26749	47.801	ug/l	98
38) Carbon Tetrachloride	7.917	117	78550	51.337	ug/l	98
39) Methylcyclohexane	9.197	83	77894	41.408	ug/l	97
40) Benzene	8.173	78	242030	53.904	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017423.D
 Acq On : 20 Feb 2024 15:44
 Operator : SY/MD
 Sample : P1509-10MSD
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD

Quant Time: Feb 21 04:30:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
 Supervised By :Semsettin Yesilyurt 02/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	13984	51.170	ug/l	95
42) 1,2-Dichloroethane	8.246	62	59820	54.886	ug/l	99
43) Isopropyl Acetate	8.283	43	50350	49.790	ug/l	99
44) Trichloroethene	8.953	130	61636	50.643	ug/l	94
45) 1,2-Dichloropropane	9.228	63	56556	54.490	ug/l	100
46) Dibromomethane	9.319	93	31159	52.818	ug/l	97
47) Bromodichloromethane	9.508	83	78504	54.123	ug/l	98
48) Methyl methacrylate	9.301	41	21856	46.065	ug/l	92
49) 1,4-Dioxane	9.313	88	1906	308.904	ug/l #	99
51) 4-Methyl-2-Pentanone	10.081	43	125774	230.826	ug/l	98
52) Toluene	10.252	92	146897	52.405	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	69096	51.446	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	86773	52.660	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	42244	52.044	ug/l	97
56) Ethyl methacrylate	10.520	69	45269	44.630	ug/l	96
57) 1,3-Dichloropropane	10.800	76	70060	52.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	98847	203.811	ug/l	100
59) 2-Hexanone	10.843	43	75596	201.422	ug/l	100
60) Dibromochloromethane	10.996	129	50138	51.962	ug/l	98
61) 1,2-Dibromoethane	11.099	107	38110	50.185	ug/l	99
64) Tetrachloroethene	10.727	164	49797	48.300	ug/l	98
65) Chlorobenzene	11.526	112	144249	51.977	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	55967	54.154	ug/l	98
67) Ethyl Benzene	11.599	91	261069	52.597	ug/l	97
68) m/p-Xylenes	11.709	106	201886	103.466	ug/l	100
69) o-Xylene	12.038	106	95618	53.416	ug/l	99
70) Styrene	12.050	104	145985	49.654	ug/l	99
71) Bromoform	12.215	173	26922	50.068	ug/l #	97
73) Isopropylbenzene	12.337	105	234198	62.028	ug/l	100
74) N-amyl acetate	12.148	43	39208	59.639	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	41709	61.809	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	24984m	52.716	ug/l	
77) Bromobenzene	12.617	156	52347	59.115	ug/l	100
78) n-propylbenzene	12.678	91	262227	57.419	ug/l	100
79) 2-Chlorotoluene	12.764	91	148040	58.871	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	173714	57.521	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	12039	59.226	ug/l	95
82) 4-Chlorotoluene	12.861	91	146593	56.492	ug/l	99
83) tert-Butylbenzene	13.081	119	152054	57.659	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	172398	57.622	ug/l	100
85) sec-Butylbenzene	13.263	105	202077	49.890	ug/l	100
86) p-Isopropyltoluene	13.379	119	168778	50.591	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	87625	48.999	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	84911	49.175	ug/l	98
89) n-Butylbenzene	13.702	91	127415	41.993	ug/l	99
90) Hexachloroethane	13.971	117	34742	53.147	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	76097	50.555	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4498	52.735	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	24214	30.765	ug/l	98
94) Hexachlorobutadiene	15.117	225	11636	24.308	ug/l	99
95) Naphthalene	15.245	128	53702	37.676	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19750	29.848	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
Data File : VY017423.D
Acq On : 20 Feb 2024 15:44
Operator : SY/MD
Sample : P1509-10MSD
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

Quant Time: Feb 21 04:30:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

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

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

