

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017422.D
 Acq On : 20 Feb 2024 15:21
 Operator : SY/MD
 Sample : P1509-09MS
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 21 04:29:57 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	173022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	307022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	273392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107076	72.441	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.880%			
35) Dibromofluoromethane	7.728	113	101944	56.724	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.440%			
50) Toluene-d8	10.191	98	350963	50.352	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.489	95	112471	48.438	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	42744	30.981	ug/l	97
3) Chloromethane	2.119	50	89205	31.681	ug/l	97
4) Vinyl Chloride	2.260	62	120349	32.828	ug/l	97
5) Bromomethane	2.662	94	102842	37.392	ug/l	97
6) Chloroethane	2.808	64	81127	34.738	ug/l	97
7) Trichlorofluoromethane	3.138	101	95605	30.408	ug/l	95
8) Diethyl Ether	3.546	74	37903	42.653	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	56816	31.264	ug/l	98
10) Methyl Iodide	4.107	142	71178	36.804	ug/l	98
11) Tert butyl alcohol	4.973	59	15629	135.988	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	54525	31.921	ug/l	99
13) Acrolein	3.741	56	38932	253.138	ug/l	99
14) Allyl chloride	4.497	41	73647	35.572	ug/l	98
15) Acrylonitrile	5.180	53	87612	247.983	ug/l	99
16) Acetone	3.961	43	55295	172.735	ug/l	90
17) Carbon Disulfide	4.210	76	175575	32.355	ug/l	99
18) Methyl Acetate	4.491	43	37071	51.069	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	173158	44.879	ug/l	100
20) Methylene Chloride	4.729	84	76989	37.646	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	66845	33.834	ug/l	98
22) Diisopropyl ether	6.137	45	196295	41.223	ug/l	96
23) Vinyl Acetate	6.076	43	678611	239.795	ug/l	99
24) 1,1-Dichloroethane	6.039	63	115113	35.657	ug/l	98
25) 2-Butanone	6.997	43	96484	214.722	ug/l	96
26) 2,2-Dichloropropane	6.997	77	94318	33.953	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	81921	37.333	ug/l	99
28) Bromochloromethane	7.350	49	44555	36.783	ug/l	98
29) Tetrahydrofuran	7.362	42	65826	249.200	ug/l	99
30) Chloroform	7.521	83	126574	37.141	ug/l	98
31) Cyclohexane	7.795	56	90210	30.829	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	100429	33.364	ug/l	99
36) 1,1-Dichloropropene	7.935	75	88495	29.483	ug/l	99
37) Ethyl Acetate	7.088	43	47330	43.305	ug/l	99
38) Carbon Tetrachloride	7.917	117	87487	29.275	ug/l	99
39) Methylcyclohexane	9.197	83	107639	29.297	ug/l	99
40) Benzene	8.173	78	282171	32.176	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017422.D
 Acq On : 20 Feb 2024 15:21
 Operator : SY/MD
 Sample : P1509-09MS
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 21 04:29:57 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	7.320	41	26290m	49.255	ug/l	
42) 1,2-Dichloroethane	8.246	62	83165	39.068	ug/l	99
43) Isopropyl Acetate	8.283	43	87559	44.332	ug/l	98
44) Trichloroethene	8.954	130	71675	30.153	ug/l	94
45) 1,2-Dichloropropane	9.228	63	70946	34.998	ug/l	98
46) Dibromomethane	9.319	93	45668	39.635	ug/l	98
47) Bromodichloromethane	9.508	83	104869	37.018	ug/l	99
48) Methyl methacrylate	9.301	41	39660	42.798	ug/l	95
49) 1,4-Dioxane	9.307	88	4591	380.961	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	235329	221.127	ug/l	99
52) Toluene	10.252	92	175911	32.131	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	105274	40.132	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	120147	37.332	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	64533	40.706	ug/l	98
56) Ethyl methacrylate	10.520	69	79513	40.509	ug/l	96
57) 1,3-Dichloropropane	10.801	76	104137	39.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	204305	215.682	ug/l	100
59) 2-Hexanone	10.843	43	153026	208.759	ug/l	99
60) Dibromochloromethane	10.996	129	73862	39.193	ug/l	99
61) 1,2-Dibromoethane	11.099	107	61274	41.312	ug/l	100
64) Tetrachloroethene	10.728	164	61178	27.961	ug/l	98
65) Chlorobenzene	11.526	112	194939	33.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	73487	33.506	ug/l	99
67) Ethyl Benzene	11.599	91	330541	31.379	ug/l	99
68) m/p-Xylenes	11.715	106	259188	62.592	ug/l	100
69) o-Xylene	12.038	106	125867	33.133	ug/l	100
70) Styrene	12.051	104	214711	34.412	ug/l	98
71) Bromoform	12.215	173	46198	40.485	ug/l #	98
73) Isopropylbenzene	12.337	105	307020	34.289	ug/l	100
74) N-amyl acetate	12.154	43	75623	48.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	72958	45.591	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	55174m	49.091	ug/l	
77) Bromobenzene	12.618	156	80507	38.337	ug/l	98
78) n-propylbenzene	12.678	91	375024	34.627	ug/l	100
79) 2-Chlorotoluene	12.764	91	212715	35.670	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	253179	35.351	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	23000	47.713	ug/l	99
82) 4-Chlorotoluene	12.861	91	221628	36.015	ug/l	99
83) tert-Butylbenzene	13.081	119	216310	34.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	258676	36.458	ug/l	100
85) sec-Butylbenzene	13.264	105	326669	34.008	ug/l	99
86) p-Isopropyltoluene	13.380	119	274486	34.695	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	152934	36.062	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	152123	37.150	ug/l	99
89) n-Butylbenzene	13.703	91	249174	34.630	ug/l	99
90) Hexachloroethane	13.971	117	53490	34.505	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	138823	38.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9319	46.071	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	70392	37.714	ug/l	99
94) Hexachlorobutadiene	15.123	225	36407	32.072	ug/l	98
95) Naphthalene	15.245	128	144039	42.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	61301	39.067	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
Data File : VY017422.D
Acq On : 20 Feb 2024 15:21
Operator : SY/MD
Sample : P1509-09MS
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
APPROVED

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

Quant Time: Feb 21 04:29:57 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
Data File : VY017422.D
Acq On : 20 Feb 2024 15:21
Operator : SY/MD
Sample : P1509-09MS
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
APPROVED

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

Quant Time: Feb 21 04:29:57 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

