

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016152.D
 Acq On : 31 Oct 2023 17:36
 Operator : SY/MD
 Sample : 04699-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023 2.5PPB

Quant Time: Nov 01 03:39:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164885	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	273073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83659	54.223	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.440%			
35) Dibromofluoromethane	7.722	113	78364	48.136	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.280%			
50) Toluene-d8	10.185	98	317101	49.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.260%			
62) 4-Bromofluorobenzene	12.489	95	106457	48.233	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	2595	2.467	ug/l	99
3) Chloromethane	2.113	50	4043	2.776	ug/l	96
4) Vinyl Chloride	2.253	62	3750	2.495	ug/l #	81
5) Bromomethane	2.656	94	2794	2.755	ug/l	90
6) Chloroethane	2.796	64	2708	2.559	ug/l	98
7) Trichlorofluoromethane	3.125	101	5006	2.206	ug/l	93
8) Diethyl Ether	3.528	74	2158	2.870	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	3304	2.311	ug/l	98
10) Methyl Iodide	4.088	142	4560	2.869	ug/l	93
11) Tert butyl alcohol	4.954	59	3313	28.740	ug/l #	96
12) 1,1-Dichloroethene	3.875	96	3138	2.405	ug/l	93
13) Acrolein	3.729	56	1676	7.690	ug/l	100
14) Allyl chloride	4.491	41	4759	2.550	ug/l #	93
15) Acrylonitrile	5.174	53	4403	13.701	ug/l	94
16) Acetone	3.948	43	8543	16.896	ug/l #	88
17) Carbon Disulfide	4.198	76	7769	2.385	ug/l #	93
18) Methyl Acetate	4.491	43	3624	2.921	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	9741	2.625	ug/l	97
20) Methylene Chloride	4.722	84	10019	3.555	ug/l #	80
21) trans-1,2-Dichloroethene	5.222	96	3747	2.466	ug/l	96
22) Diisopropyl ether	6.131	45	11050	2.448	ug/l #	82
23) Vinyl Acetate	6.070	43	27489	12.404	ug/l	95
24) 1,1-Dichloroethane	6.021	63	6945	2.571	ug/l #	92
25) 2-Butanone	6.984	43	8057	18.928	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	6036	2.364	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	4585	2.564	ug/l	90
28) Bromochloromethane	7.332	49	2200	2.176	ug/l #	87
29) Tetrahydrofuran	7.350	42	3441	12.896	ug/l #	86
30) Chloroform	7.509	83	7455	2.535	ug/l	95
31) Cyclohexane	7.789	56	8155	3.438	ug/l #	58
32) 1,1,1-Trichloroethane	7.704	97	6804	2.523	ug/l	96
36) 1,1-Dichloropropene	7.923	75	5253	2.235	ug/l	97
37) Ethyl Acetate	7.082	43	2985	2.851	ug/l #	94
38) Carbon Tetrachloride	7.905	117	4880	2.095	ug/l #	84
39) Methylcyclohexane	9.185	83	6150	2.192	ug/l	88
40) Benzene	8.161	78	17148	2.541	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016152.D
 Acq On : 31 Oct 2023 17:36
 Operator : SY/MD
 Sample : 04699-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023 2.5PPB

Quant Time: Nov 01 03:39:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	1240m	2.040	ug/l	
42) 1,2-Dichloroethane	8.246	62	4972	2.640	ug/l	94
43) Isopropyl Acetate	8.277	43	5140	2.482	ug/l	94
44) Trichloroethene	8.941	130	4616	2.337	ug/l	76
45) 1,2-Dichloropropane	9.216	63	3995	2.461	ug/l	99
46) Dibromomethane	9.307	93	2234	2.426	ug/l	95
47) Bromodichloromethane	9.496	83	5652	2.415	ug/l	95
48) Methyl methacrylate	9.295	41	2377	2.524	ug/l	93
49) 1,4-Dioxane	9.307	88	1156	Below Cal	#	24
51) 4-Methyl-2-Pentanone	10.075	43	13968	13.516	ug/l	93
52) Toluene	10.246	92	11198	2.561	ug/l	91
53) t-1,3-Dichloropropene	10.465	75	5581	2.389	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	6367	2.323	ug/l	# 88
55) 1,1,2-Trichloroethane	10.648	97	3205	2.474	ug/l	98
56) Ethyl methacrylate	10.514	69	3888	2.311	ug/l	89
57) 1,3-Dichloropropane	10.795	76	5440	2.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	8098	9.926	ug/l	95
59) 2-Hexanone	10.837	43	9046	12.774	ug/l	97
60) Dibromochloromethane	10.990	129	3885	2.390	ug/l	96
61) 1,2-Dibromoethane	11.093	107	2918	2.368	ug/l	92
64) Tetrachloroethene	10.727	164	5258	2.434	ug/l	# 89
65) Chlorobenzene	11.520	112	11560	2.395	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	4073	2.279	ug/l	94
67) Ethyl Benzene	11.599	91	20217	2.342	ug/l	100
68) m/p-Xylenes	11.709	106	15404	4.618	ug/l	91
69) o-Xylene	12.032	106	7327	2.301	ug/l	97
70) Styrene	12.050	104	12115	2.288	ug/l	97
71) Bromoform	12.215	173	2324	2.344	ug/l	# 98
73) Isopropylbenzene	12.331	105	18716	2.157	ug/l	99
74) N-amyl acetate	12.148	43	4609	2.445	ug/l	# 91
75) 1,1,2,2-Tetrachloroethane	12.587	83	3629	2.629	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	2791m	2.562	ug/l	
77) Bromobenzene	12.617	156	5005	2.548	ug/l	89
78) n-propylbenzene	12.678	91	23648	2.305	ug/l	100
79) 2-Chlorotoluene	12.764	91	13567	2.371	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	15776	2.244	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.489	75	57349	114.161	ug/l	# 11
82) 4-Chlorotoluene	12.861	91	14324	2.438	ug/l	100
83) tert-Butylbenzene	13.081	119	14583	2.319	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	17197	2.472	ug/l	97
85) sec-Butylbenzene	13.258	105	21077	2.283	ug/l	98
86) p-Isopropyltoluene	13.373	119	17486	2.286	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	9729	2.504	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	9950	2.591	ug/l	87
89) n-Butylbenzene	13.703	91	17088	2.431	ug/l	96
90) Hexachloroethane	13.965	117	2970	2.253	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	8405	2.504	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1128	4.565	ug/l	66
93) 1,2,4-Trichlorobenzene	15.013	180	6003	2.897	ug/l	96
94) Hexachlorobutadiene	15.117	225	3229	2.852	ug/l	99
95) Naphthalene	15.239	128	12846	3.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	5315	3.003	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
Data File : VY016152.D
Acq On : 31 Oct 2023 17:36
Operator : SY/MD
Sample : 04699-01 2.5PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023 2.5PPB

Quant Time: Nov 01 03:39:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

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

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

Manual Integrations

Quant Time: Nov 01 03:39:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

