

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010460.D
 Acq On : 13 Sep 2022 15:44
 Operator : KP/MD
 Sample : N3980-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Sep 14 06:29:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 06:25:52 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	216506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125614	57.606	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.220%			
35) Dibromofluoromethane	7.710	113	121377	48.882	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.760%			
50) Toluene-d8	10.173	98	447826	55.648	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.300%			
62) 4-Bromofluorobenzene	12.477	95	156724	42.440	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8582	5.173	ug/l	96
3) Chloromethane	2.107	50	7854	3.229	ug/l	93
4) Vinyl Chloride	2.241	62	9028	3.008	ug/l	97
5) Bromomethane	2.637	94	6769	3.220	ug/l	94
6) Chloroethane	2.784	64	5937	2.958	ug/l	99
7) Trichlorofluoromethane	3.107	101	11411	3.002	ug/l	99
8) Diethyl Ether	3.521	74	3569	2.899	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	6349	2.853	ug/l	95
10) Methyl Iodide	4.082	142	6589	2.392	ug/l	94
11) Tert butyl alcohol	4.960	59	5734m	19.468	ug/l	
12) 1,1-Dichloroethene	3.863	96	6112	2.927	ug/l #	71
13) Acrolein	3.729	56	2714	13.046	ug/l	91
14) Allyl chloride	4.466	41	9014	2.998	ug/l	94
15) Acrylonitrile	5.155	53	9022	15.138	ug/l	96
16) Acetone	3.942	43	10676	21.334	ug/l	97
17) Carbon Disulfide	4.180	76	15127	2.679	ug/l	99
18) Methyl Acetate	4.466	43	6666	4.330	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	16728	2.901	ug/l	97
20) Methylene Chloride	4.698	84	43019	14.086	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	6504	2.743	ug/l	84
22) Diisopropyl ether	6.106	45	18095	2.696	ug/l #	95
23) Vinyl Acetate	6.051	43	48900	11.888	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	11680	2.874	ug/l	98
25) 2-Butanone	6.978	43	16473	20.714	ug/l	95
26) 2,2-Dichloropropane	6.972	77	17661	4.554	ug/l	84
27) cis-1,2-Dichloroethene	6.972	96	7546	2.738	ug/l	77
28) Bromochloromethane	7.319	49	4467	3.429	ug/l #	86
29) Tetrahydrofuran	7.338	42	7761	15.636	ug/l #	86
30) Chloroform	7.496	83	12458	2.890	ug/l	99
31) Cyclohexane	7.777	56	13680	3.714	ug/l #	50
32) 1,1,1-Trichloroethane	7.697	97	10850	2.780	ug/l	94
36) 1,1-Dichloropropene	7.911	75	9421	2.771	ug/l	98
37) Ethyl Acetate	7.069	43	5823	3.259	ug/l #	90
38) Carbon Tetrachloride	7.893	117	9874	2.611	ug/l	92
39) Methylcyclohexane	9.173	83	11379	2.685	ug/l	88
40) Benzene	8.149	78	27680	2.829	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010460.D
 Acq On : 13 Sep 2022 15:44
 Operator : KP/MD
 Sample : N3980-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Sep 14 06:29:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 06:25:52 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	2487	2.434	ug/l #	27
42) 1,2-Dichloroethane	8.234	62	8430	2.897	ug/l	94
43) Isopropyl Acetate	8.264	43	8886	2.717	ug/l #	90
44) Trichloroethene	8.935	130	7459	2.590	ug/l	91
45) 1,2-Dichloropropane	9.209	63	6487	2.718	ug/l	98
46) Dibromomethane	9.301	93	3760	2.613	ug/l	92
47) Bromodichloromethane	9.490	83	9052	2.648	ug/l	96
48) Methyl methacrylate	9.289	41	3864	2.631	ug/l #	77
49) 1,4-Dioxane	9.289	88	961	50.442	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	25102	13.994	ug/l	91
52) Toluene	10.240	92	17177	2.682	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	8959	2.547	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	10422	2.627	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	5670	2.770	ug/l	96
56) Ethyl methacrylate	10.508	69	6448	2.398	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	9317	2.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	17437	19.064	ug/l	94
59) 2-Hexanone	10.831	43	15945	13.040	ug/l	89
60) Dibromochloromethane	10.977	129	6669	2.666	ug/l	99
61) 1,2-Dibromoethane	11.081	107	5225	2.629	ug/l	93
64) Tetrachloroethene	10.715	164	7536	2.674	ug/l	94
65) Chlorobenzene	11.514	112	18643	2.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	6974	2.692	ug/l	95
67) Ethyl Benzene	11.587	91	31774	2.567	ug/l	98
68) m/p-Xylenes	11.697	106	24933	5.131	ug/l	95
69) o-Xylene	12.026	106	11763	2.535	ug/l	93
70) Styrene	12.038	104	18717	2.383	ug/l	97
71) Bromoform	12.203	173	4059	2.507	ug/l #	96
73) Isopropylbenzene	12.325	105	31322	2.603	ug/l	100
74) N-amyl acetate	12.142	43	6341	2.258	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.575	83	6824	3.031	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	4863m	2.857	ug/l	
77) Bromobenzene	12.605	156	7862	2.757	ug/l	94
78) n-propylbenzene	12.666	91	37890	2.659	ug/l	97
79) 2-Chlorotoluene	12.751	91	21933	2.740	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	28109	2.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	2070m	2.700	ug/l	
82) 4-Chlorotoluene	12.849	91	22558	2.709	ug/l	100
83) tert-Butylbenzene	13.068	119	23340	2.630	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	26773	2.695	ug/l	97
85) sec-Butylbenzene	13.251	105	34090	2.594	ug/l	99
86) p-Isopropyltoluene	13.367	119	27190	2.446	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	15112	2.639	ug/l	96
88) 1,4-Dichlorobenzene	13.440	146	15551	2.743	ug/l	91
89) n-Butylbenzene	13.696	91	26304	2.607	ug/l	98
90) Hexachloroethane	13.958	117	5717	2.739	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	13358	2.634	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1182	3.111	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	8172	2.594	ug/l	99
94) Hexachlorobutadiene	15.105	225	5048	2.656	ug/l	93
95) Naphthalene	15.233	128	16780	2.701	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	7267	2.643	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
Data File : VY010460.D
Acq On : 13 Sep 2022 15:44
Operator : KP/MD
Sample : N3980-01 2.5PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 06:29:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 14 06:25:52 2022
Response via : Initial Calibration

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

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

