

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008106.D
 Acq On : 30 Mar 2022 13:21
 Operator : SY/MD
 Sample : N1645-03 2.5ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 31 06:30:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 06:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	285174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	497775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	451736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131974	46.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.260%		
35) Dibromofluoromethane	7.722	113	157945	50.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.220%		
50) Toluene-d8	10.179	98	616750	52.453	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.900%		
62) 4-Bromofluorobenzene	12.483	95	200149	48.249	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	5992	2.331	ug/l	97
3) Chloromethane	2.119	50	7890	2.520	ug/l	99
4) Vinyl Chloride	2.259	62	10217	2.453	ug/l	97
5) Bromomethane	2.656	94	9768	2.862	ug/l	100
6) Chloroethane	2.802	64	6922	2.526	ug/l	97
7) Trichlorofluoromethane	3.137	101	13028	2.473	ug/l	86
8) Diethyl Ether	3.534	74	3892	2.281	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.905	101	8457	2.588	ug/l	95
10) Methyl Iodide	4.101	142	7160	2.121	ug/l	92
11) Tert butyl alcohol	4.942	59	2158	7.270	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	7952	2.628	ug/l #	71
13) Acrolein	3.735	56	2037	8.431	ug/l	92
14) Allyl chloride	4.485	41	9866	2.478	ug/l #	87
15) Acrylonitrile	5.167	53	6893	8.481	ug/l	96
16) Acetone	3.954	43	5826	8.909	ug/l #	81
17) Carbon Disulfide	4.204	76	20750	2.420	ug/l	95
18) Methyl Acetate	4.485	43	5735	2.607	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	18785	2.185	ug/l	94
20) Methylene Chloride	4.722	84	15783	4.111	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	9612	2.744	ug/l #	82
22) Diisopropyl ether	6.118	45	22553	2.633	ug/l #	88
23) Vinyl Acetate	6.070	43	47395	8.931	ug/l #	91
24) 1,1-Dichloroethane	6.027	63	14758	2.603	ug/l	99
25) 2-Butanone	6.984	43	8426	8.467	ug/l	92
26) 2,2-Dichloropropane	6.984	77	14426	2.687	ug/l	90
27) cis-1,2-Dichloroethene	6.990	96	10965	2.700	ug/l	80
28) Bromochloromethane	7.332	49	5171	2.812	ug/l #	69
29) Tetrahydrofuran	7.350	42	5447	8.419	ug/l #	74
30) Chloroform	7.515	83	16771	2.732	ug/l	91
31) Cyclohexane	7.789	56	19064	3.565	ug/l #	51
32) 1,1,1-Trichloroethane	7.704	97	14912	2.629	ug/l	95
36) 1,1-Dichloropropene	7.923	75	12724	2.595	ug/l	97
37) Ethyl Acetate	7.076	43	3953	1.726	ug/l #	89
38) Carbon Tetrachloride	7.905	117	13226	2.476	ug/l	97
39) Methylcyclohexane	9.185	83	16590	2.507	ug/l #	85
40) Benzene	8.167	78	36027	2.569	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008106.D
 Acq On : 30 Mar 2022 13:21
 Operator : SY/MD
 Sample : N1645-03 2.5ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 31 06:30:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 06:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	1679m	1.460	ug/l	
42) 1,2-Dichloroethane	8.240	62	8900	2.262	ug/l	90
43) Isopropyl Acetate	8.277	43	7784	1.731	ug/l #	77
44) Trichloroethene	8.947	130	10457	2.579	ug/l	92
45) 1,2-Dichloropropane	9.222	63	8056	2.438	ug/l	99
46) Dibromomethane	9.307	93	4659	2.144	ug/l	90
47) Bromodichloromethane	9.496	83	11955	2.406	ug/l	98
48) Methyl methacrylate	9.295	41	3520	1.768	ug/l #	81
49) 1,4-Dioxane	9.301	88	767	26.551	ug/l #	75
51) 4-Methyl-2-Pentanone	10.075	43	19127	8.435	ug/l #	87
52) Toluene	10.246	92	24120	2.623	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	10736	2.108	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	13321	2.310	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	6507	2.169	ug/l	95
56) Ethyl methacrylate	10.514	69	7001	1.789	ug/l #	77
57) 1,3-Dichloropropane	10.794	76	10595	2.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	17698	10.913	ug/l #	87
59) 2-Hexanone	10.837	43	12532	7.898	ug/l	85
60) Dibromochloromethane	10.983	129	7399	2.027	ug/l	99
61) 1,2-Dibromoethane	11.087	107	5725	1.916	ug/l	97
64) Tetrachloroethene	10.721	164	9189	2.648	ug/l	96
65) Chlorobenzene	11.520	112	25642	2.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	8698	2.315	ug/l	96
67) Ethyl Benzene	11.599	91	45685	2.559	ug/l	96
68) m/p-Xylenes	11.703	106	35830	5.047	ug/l	93
69) o-Xylene	12.032	106	17464	2.569	ug/l	90
70) Styrene	12.050	104	26376	2.371	ug/l	95
71) Bromoform	12.209	173	3906	1.722	ug/l #	98
73) Isopropylbenzene	12.331	105	46006	2.797	ug/l	99
74) N-amyl acetate	12.148	43	6794	1.879	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.587	83	6472	2.024	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	4423m	1.821	ug/l	
77) Bromobenzene	12.611	156	9924	2.630	ug/l	90
78) n-propylbenzene	12.672	91	53681	2.767	ug/l	99
79) 2-Chlorotoluene	12.758	91	30075	2.794	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	36281	2.692	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2001m	1.838	ug/l	
82) 4-Chlorotoluene	12.855	91	30368	2.750	ug/l	97
83) tert-Butylbenzene	13.081	119	33807	2.816	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	35702	2.721	ug/l	97
85) sec-Butylbenzene	13.257	105	50102	2.827	ug/l	100
86) p-Isopropyltoluene	13.373	119	39825	2.701	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	19510	2.608	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	19654	2.634	ug/l	91
89) n-Butylbenzene	13.702	91	38052	2.804	ug/l	99
90) Hexachloroethane	13.965	117	7516	2.630	ug/l	79
91) 1,2-Dichlorobenzene	13.745	146	16677	2.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1023	2.005	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	9813	2.487	ug/l	96
94) Hexachlorobutadiene	15.117	225	5573	2.670	ug/l	96
95) Naphthalene	15.239	128	18570	2.130	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	8472	2.482	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
Data File : VY008106.D
Acq On : 30 Mar 2022 13:21
Operator : SY/MD
Sample : N1645-03 2.5ppb
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

Quant Time: Mar 31 06:30:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 06:28:06 2022
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Mar 31 06:30:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 06:28:06 2022
Response via : Initial Calibration

