

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020690.D
 Acq On : 22 Oct 2021 18:49
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:25 AM

Quant Time: Oct 23 06:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	94224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	137023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	126687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	68465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	49479	47.263	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.520%		
35) Dibromofluoromethane	7.891	113	41204	45.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.960%		
50) Toluene-d8	10.323	98	158279	46.211	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.615	95	57765	46.006	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	974	3.923	ug/l	98
3) Chloromethane	2.209	50	3098	4.969	ug/l	100
4) Vinyl Chloride	2.355	62	3673	4.593	ug/l	98
5) Bromomethane	2.763	94	2486	5.230	ug/l	96
6) Chloroethane	2.910	64	1587	4.466	ug/l #	88
7) Trichlorofluoromethane	3.245	101	2645	4.623	ug/l	97
8) Diethyl Ether	3.684	74	2102	4.605	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	4786	5.097	ug/l	99
10) Methyl Iodide	4.263	142	5383	4.618	ug/l	100
11) Tert butyl alcohol	5.196	59	1429	22.289	ug/l	100
12) 1,1-Dichloroethene	4.044	96	4179	4.766	ug/l	94
13) Acrolein	3.897	56	1485	25.874	ug/l	93
14) Allyl chloride	4.666	41	6507	4.596	ug/l	99
15) Acrylonitrile	5.367	53	5896	25.325	ug/l	92
16) Acetone	4.129	43	5233	20.454	ug/l	97
17) Carbon Disulfide	4.379	76	12298	4.826	ug/l	97
18) Methyl Acetate	4.678	43	4338	5.492	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	7209	4.793	ug/l	94
20) Methylene Chloride	4.909	84	13213	10.245	ug/l	98
21) trans-1,2-Dichloroethene	5.421	96	4756	4.857	ug/l	91
22) Diisopropyl ether	6.318	45	12294	4.438	ug/l	94
23) Vinyl Acetate	6.263	43	34475	21.249	ug/l	98
24) 1,1-Dichloroethane	6.214	63	8743	4.937	ug/l	98
25) 2-Butanone	7.177	43	7262	22.746	ug/l	94
26) 2,2-Dichloropropane	7.165	77	5437	4.691	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	4846	4.643	ug/l	98
28) Bromochloromethane	7.519	49	3945	5.388	ug/l #	93
29) Tetrahydrofuran	7.537	42	4552	23.304	ug/l	97
30) Chloroform	7.677	83	9309	5.039	ug/l	95
31) Cyclohexane	7.952	56	9656	5.435	ug/l #	77
32) 1,1,1-Trichloroethane	7.872	97	7655	4.900	ug/l	100
36) 1,1-Dichloropropene	8.080	75	7045	4.774	ug/l	99
37) Ethyl Acetate	7.263	43	3511	5.142	ug/l #	96
38) Carbon Tetrachloride	8.073	117	7155	4.890	ug/l	97
39) Methylcyclohexane	9.335	83	8214	4.774	ug/l	95
40) Benzene	8.323	78	44560m	11.034	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020690.D
 Acq On : 22 Oct 2021 18:49
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:25 AM

Quant Time: Oct 23 06:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	1854	4.661	ug/l	96
42) 1,2-Dichloroethane	8.403	62	6680	5.138	ug/l	99
43) Isopropyl Acetate	8.427	43	5963	4.706	ug/l	98
44) Trichloroethene	9.098	130	5554	5.060	ug/l	83
45) 1,2-Dichloropropane	9.372	63	4864	5.024	ug/l	92
46) Dibromomethane	9.463	93	2689	4.944	ug/l	99
47) Bromodichloromethane	9.646	83	6477	4.832	ug/l	93
48) Methyl methacrylate	9.439	41	2752	4.514	ug/l	97
49) 1,4-Dioxane	9.463	88	685	94.771	ug/l #	78
51) 4-Methyl-2-Pentanone	10.213	43	16036	23.275	ug/l	98
52) Toluene	10.384	92	13000	5.124	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	6027	4.418	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	6959	4.503	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	3859	5.093	ug/l	97
56) Ethyl methacrylate	10.646	69	4386	4.503	ug/l	98
57) 1,3-Dichloropropane	10.933	76	6569	5.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	10642	24.238	ug/l	99
59) 2-Hexanone	10.969	43	10824	22.205	ug/l	97
60) Dibromochloromethane	11.128	129	4109	4.600	ug/l	99
61) 1,2-Dibromoethane	11.238	107	3593	4.901	ug/l	100
64) Tetrachloroethene	10.866	164	5281	5.369	ug/l	87
65) Chlorobenzene	11.658	112	13272	4.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	4515	4.567	ug/l	95
67) Ethyl Benzene	11.731	91	22660	4.589	ug/l	98
68) m/p-Xylenes	11.841	106	17116	8.965	ug/l	98
69) o-Xylene	12.164	106	7842	4.457	ug/l	98
70) Styrene	12.182	104	13246	4.395	ug/l	98
71) Bromoform	12.347	173	2596	4.479	ug/l #	95
73) Isopropylbenzene	12.463	105	22121	4.485	ug/l	99
74) N-amyl acetate	12.274	43	5017	4.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	4565	4.941	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	4421m	5.828	ug/l	
77) Bromobenzene	12.743	156	5871	4.963	ug/l	97
78) n-propylbenzene	12.804	91	27745	4.581	ug/l	100
79) 2-Chlorotoluene	12.890	91	16159	4.638	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	18999	4.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	1365	4.623	ug/l	96
82) 4-Chlorotoluene	12.987	91	17016	4.643	ug/l	98
83) tert-Butylbenzene	13.207	119	16906	4.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	19230	4.557	ug/l	98
85) sec-Butylbenzene	13.383	105	25475	4.617	ug/l	99
86) p-Isopropyltoluene	13.493	119	21193	4.515	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	11832	4.860	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	11535	4.745	ug/l	92
89) n-Butylbenzene	13.822	91	20003	4.595	ug/l	96
90) Hexachloroethane	14.091	117	3905	4.766	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	10729	4.963	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	840	5.037	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	7070	4.930	ug/l	92
94) Hexachlorobutadiene	15.231	225	4870	5.244	ug/l	97
95) Naphthalene	15.365	128	11275	4.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	6220	4.790	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020690.D
 Acq On : 22 Oct 2021 18:49
 Operator : SY/VA
 Sample : M4068-02 5PPBL0Q
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
APPROVED

MMDadoda
 10/25/2021 11:56:25 AM

Quant Time: Oct 23 06:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration

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

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

