

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020838.D
 Acq On : 10 Nov 2021 17:38
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 11 02:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 02:14:26 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	77612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	110893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	96613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	49989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33066	51.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.040%			
35) Dibromofluoromethane	7.884	113	32307	52.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.323	98	127149	52.420	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.615	95	44826	51.224	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	1048	2.497	ug/l	98
4) Vinyl Chloride	2.355	62	1354	2.082	ug/l	90
5) Bromomethane	2.775	94	1238	2.711	ug/l	94
6) Chloroethane	2.916	64	573	1.987	ug/l #	41
7) Trichlorofluoromethane	3.251	101	816	2.225	ug/l #	83
8) Diethyl Ether	3.672	74	569	2.152	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.062	101	1591	2.670	ug/l	97
10) Methyl Iodide	4.269	142	1895	2.316	ug/l #	90
11) Tert butyl alcohol	5.171	59	694m	15.725	ug/l	
12) 1,1-Dichloroethene	4.037	96	1367	2.371	ug/l #	79
13) Acrolein	3.897	56	189	9.741	ug/l #	68
14) Allyl chloride	4.671	41	2035	2.383	ug/l	100
15) Acrylonitrile	5.379	53	1750	11.605	ug/l	98
16) Acetone	4.123	43	2404	15.428	ug/l	93
17) Carbon Disulfide	4.391	76	3484	2.267	ug/l	96
18) Methyl Acetate	4.678	43	1636	2.930	ug/l #	68
19) Methyl tert-butyl Ether	5.434	73	2140	2.603	ug/l #	83
20) Methylene Chloride	4.921	84	4015	5.926	ug/l #	87
21) trans-1,2-Dichloroethene	5.427	96	1566	2.502	ug/l	93
22) Diisopropyl ether	6.318	45	3735	2.329	ug/l	97
23) Vinyl Acetate	6.257	43	10621	10.683	ug/l	96
24) 1,1-Dichloroethane	6.214	63	2217	2.099	ug/l #	90
25) 2-Butanone	7.171	43	2569	11.981	ug/l	92
26) 2,2-Dichloropropane	7.165	77	1730	2.413	ug/l	95
27) cis-1,2-Dichloroethene	7.177	96	1562	2.271	ug/l	91
28) Bromochloromethane	7.512	49	1154	2.305	ug/l #	87
29) Tetrahydrofuran	7.537	42	1691	12.651	ug/l	95
30) Chloroform	7.677	83	2622	2.356	ug/l	98
31) Cyclohexane	7.951	56	4223	3.668	ug/l #	73
32) 1,1,1-Trichloroethane	7.872	97	2430	2.457	ug/l	96
36) 1,1-Dichloropropene	8.079	75	2222	2.424	ug/l	99
37) Ethyl Acetate	7.262	43	1341	3.030	ug/l #	77
38) Carbon Tetrachloride	8.067	117	2366	2.464	ug/l #	86
39) Methylcyclohexane	9.335	83	3234	2.690	ug/l	88
40) Benzene	8.329	78	7338	2.991	ug/l	100
41) Methacrylonitrile	7.500	41	865m	3.387	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020838.D
 Acq On : 10 Nov 2021 17:38
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 11 02:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 02:14:26 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.403	62	1778	2.462	ug/l	94
43) Isopropyl Acetate	8.427	43	1996	2.372	ug/l #	82
44) Trichloroethene	9.098	130	1747	2.393	ug/l	73
45) 1,2-Dichloropropane	9.372	63	1278	2.293	ug/l #	85
46) Dibromomethane	9.457	93	809	2.347	ug/l	95
47) Bromodichloromethane	9.646	83	1856	2.254	ug/l	95
48) Methyl methacrylate	9.439	41	945	2.353	ug/l #	88
49) 1,4-Dioxane	9.457	88	191	36.617	ug/l #	81
51) 4-Methyl-2-Pentanone	10.207	43	5392	12.068	ug/l	99
52) Toluene	10.390	92	3693	2.298	ug/l	89
53) t-1,3-Dichloropropene	10.603	75	1899	2.241	ug/l	90
54) cis-1,3-Dichloropropene	10.079	75	2044	2.168	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	1163	2.542	ug/l	92
56) Ethyl methacrylate	10.646	69	1475	2.336	ug/l #	93
57) 1,3-Dichloropropane	10.933	76	1870	2.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	3856	10.869	ug/l	98
59) 2-Hexanone	10.969	43	4012	12.234	ug/l	97
60) Dibromochloromethane	11.128	129	1361	2.264	ug/l	94
61) 1,2-Dibromoethane	11.231	107	1215	2.570	ug/l	93
64) Tetrachloroethene	10.866	164	1751	2.801	ug/l #	65
65) Chlorobenzene	11.652	112	4105	2.430	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	1460	2.382	ug/l	98
67) Ethyl Benzene	11.731	91	7491	2.412	ug/l	97
68) m/p-Xylenes	11.835	106	6071	4.944	ug/l	89
69) o-Xylene	12.164	106	2846	2.497	ug/l	88
70) Styrene	12.182	104	4429	2.327	ug/l	98
71) Bromoform	12.347	173	948	2.393	ug/l #	93
73) Isopropylbenzene	12.463	105	8017	2.571	ug/l	98
74) N-amyl acetate	12.274	43	1895	2.545	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	1350	2.425	ug/l	90
76) 1,2,3-Trichloropropane	12.768	75	728m	1.894	ug/l	
77) Bromobenzene	12.749	156	1833	2.537	ug/l	95
78) n-propylbenzene	12.804	91	9415	2.485	ug/l	96
79) 2-Chlorotoluene	12.890	91	5211	2.508	ug/l	90
80) 1,3,5-Trimethylbenzene	12.938	105	6411	2.468	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.512	75	363m	1.859	ug/l	
82) 4-Chlorotoluene	12.987	91	5360	2.493	ug/l	93
83) tert-Butylbenzene	13.200	119	6223	2.551	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	6522	2.554	ug/l	98
85) sec-Butylbenzene	13.383	105	9338	2.678	ug/l	96
86) p-Isopropyltoluene	13.499	119	7443	2.491	ug/l	94
87) 1,3-Dichlorobenzene	13.499	146	4019	2.750	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	4157	2.880	ug/l	92
89) n-Butylbenzene	13.822	91	6825	2.453	ug/l	95
90) Hexachloroethane	14.091	117	1387	2.414	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	3430	2.776	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	237	2.122	ug/l	57
93) 1,2,4-Trichlorobenzene	15.127	180	2739	2.910	ug/l	89
94) Hexachlorobutadiene	15.231	225	1655	2.789	ug/l	98
95) Naphthalene	15.359	128	5263	2.858	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	2396	2.947	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
Data File : VW020838.D
Acq On : 10 Nov 2021 17:38
Operator : SY/VA
Sample : M4068-01 2.5PPBL0D
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 02:15:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 11 02:14:26 2021
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_W\Data\VW111021\
 Data File : VW020838.D
 Acq On : 10 Nov 2021 17:38
 Operator : SY/VA
 Sample : M4068-01 2.5PPBL0D
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 11 02:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 02:14:26 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

