

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027568.D
 Acq On : 06 Dec 2023 15:01
 Operator : SY/MD
 Sample : 04696-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2023-07

Quant Time: Dec 07 07:16:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 12/11/2023
 Supervised By :Mahesh
 Dadoda
 12/11/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	184657	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	138545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	53555	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101216	27.238	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.960%			
7) Chloroethane-d5	2.899	69	67052	24.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.560%			
11) 1,1-Dichloroethene-d2	4.027	65	42396	26.963	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.840%			
21) 2-Butanone-d5	7.087	46	18665m	19.169	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 38.340%			
24) Chloroform-d	7.654	84	107749	19.549	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.200%			
26) 1,2-Dichloroethane-d4	8.307	65	42729m	15.160	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.640%#			
32) Benzene-d6	8.276	84	250366	25.658	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.640%			
36) 1,2-Dichloropropane-d6	9.276	67	61423	21.352	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.400%			
41) Toluene-d8	10.325	98	216816	25.395	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.600%			
43) trans-1,3-Dichloroprop...	10.581	79	16909	15.200	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 60.800%			
47) 2-Hexanone-d5	10.922	63	9875	18.424	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 36.840%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	31430	13.283	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 53.120%			
66) 1,2-Dichlorobenzene-d4	13.855	152	43921	23.396	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	4281m	1.731	ug/L	
3) Chloromethane	2.223	50	4499	1.486	ug/L	94
5) Vinyl chloride	2.381	62	5746	1.627	ug/L #	82
6) Bromomethane	2.796	94	2393	1.291	ug/L	93
8) Chloroethane	2.936	64	2854	1.415	ug/L	99
9) Trichlorofluoromethane	3.277	101	5159	1.525	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	6003m	2.081	ug/L	
12) 1,1-Dichloroethene	4.045	96	4619m	1.754	ug/L	
13) Acetone	4.125	43	4113m	4.382	ug/L	
14) Carbon disulfide	4.399	76	11360	1.427	ug/L #	94
15) Methyl Acetate	4.716	43	1358m	0.828	ug/L	
17) trans-1,2-Dichloroethene	5.435	96	3497m	1.288	ug/L	
18) Methyl tert-butyl Ether	5.441	73	3247m	0.741	ug/L	
19) 1,1-Dichloroethane	6.228	63	5786	1.048	ug/L #	85
20) cis-1,2-Dichloroethene	7.179	96	3112	1.067	ug/L	79
22) 2-Butanone	7.148	43	3672m	3.032	ug/L	
23) Bromochloromethane	7.514	128	997m	0.869	ug/L	
25) Chloroform	7.673	83	5243m	1.045	ug/L	
27) 1,2-Dichloroethane	8.404	62	2654m	0.819	ug/L	

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29) Cyclohexane	7.965	56	7790	1.710	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	5844	1.512	ug/L	98
31) Carbon tetrachloride	8.075	117	5139	1.524	ug/L	97
33) Benzene	8.331	78	11780m	1.232	ug/L	
34) Trichloroethene	9.093	95	3415	1.308	ug/L	91
35) Methylcyclohexane	9.337	83	7550	1.623	ug/L	93
37) 1,2-Dichloropropane	9.374	63	2619	1.037	ug/L	99
38) Bromodichloromethane	9.648	83	2636	0.903	ug/L #	94
39) cis-1,3-Dichloropropene	10.081	75	2917	0.800	ug/L	94
40) 4-Methyl-2-pentanone	10.215	43	2126m	1.246	ug/L	
42) Toluene	10.386	91	11854	1.172	ug/L	100
44) trans-1,3-Dichloropropene	10.611	75	3120m	1.061	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	1353m	0.770	ug/L	
46) Tetrachloroethene	10.867	164	2775	1.490	ug/L	89
49) Dibromochloromethane	11.129	129	1403	0.807	ug/L #	73
50) 1,2-Dibromoethane	11.233	107	1285	0.799	ug/L #	85
51) Chlorobenzene	11.660	112	6440	1.055	ug/L	97
52) Ethylbenzene	11.733	91	13333	1.161	ug/L	98
53) m,p-Xylene	11.837	106	5090	1.202	ug/L	76
54) o-Xylene	12.166	106	3897	1.013	ug/L	99
55) Styrene	12.178	104	5339	0.813	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	1757m	0.768	ug/L	
59) Bromoform	12.343	173	598	0.797	ug/L #	75
60) Isopropylbenzene	12.458	105	12782	1.446	ug/L #	91
61) 1,2,3-Trichloropropane	12.763	75	1088	0.842	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.940	105	8554	1.308	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	7173	1.101	ug/L	96
64) 1,3-Dichlorobenzene	13.501	146	3776	1.115	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	3691	1.093	ug/L	86
67) 1,2-Dichlorobenzene	13.867	146	3100	1.016	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.482	75	441m	1.419	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	2165	0.951	ug/L #	82
70) 1,2,4-trichlorobenzene	15.129	180	1963	1.110	ug/L #	89
71) Naphthalene	15.366	128	2505	0.673	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.543	180	1402	0.925	ug/L #	24

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

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