

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120823\
 Data File : VW027582.D
 Acq On : 08 Dec 2023 10:09
 Operator : SY/MD
 Sample : 04696-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 02:09:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 09 02:01:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	232552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	91167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	89315	19.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.360%		
7) Chloroethane-d5	2.905	69	67049	19.764	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.040%		
11) 1,1-Dichloroethene-d2	4.027	65	37966	19.173	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.680%		
21) 2-Butanone-d5	7.081	46	40213m	32.793	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.580%		
24) Chloroform-d	7.654	84	136628	19.683	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.720%		
26) 1,2-Dichloroethane-d4	8.307	65	66898m	18.846	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.400%		
32) Benzene-d6	8.276	84	294399	21.053	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	9.276	67	84036	20.385	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.560%		
41) Toluene-d8	10.325	98	251945	20.592	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.360%		
43) trans-1,3-Dichloroprop...	10.581	79	27172	17.045	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.160%		
47) 2-Hexanone-d5	10.922	63	25091	32.666	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.340%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58357	17.210	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	68.840%		
66) 1,2-Dichlorobenzene-d4	13.848	152	65521	20.503	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	3339m	1.072	ug/L	
3) Chloromethane	2.228	50	3392	0.889	ug/L	99
5) Vinyl chloride	2.375	62	3888	0.874	ug/L #	47
6) Bromomethane	2.795	94	2008	0.860	ug/L	92
8) Chloroethane	2.936	64	2237m	0.880	ug/L	
9) Trichlorofluoromethane	3.271	101	3771m	0.885	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	3713m	1.022	ug/L	
12) 1,1-Dichloroethene	4.051	96	3983m	1.201	ug/L	
13) Acetone	4.137	43	3330m	2.817	ug/L	
14) Carbon disulfide	4.393	76	8183	0.816	ug/L	96
15) Methyl Acetate	4.679	43	1973m	0.955	ug/L	
16) Methylene chloride	4.923	84	9697	2.557	ug/L	92
17) trans-1,2-Dichloroethene	5.435	96	3045m	0.890	ug/L	
18) Methyl tert-butyl Ether	5.423	73	4152m	0.753	ug/L	
19) 1,1-Dichloroethane	6.222	63	5165	0.743	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	2664m	0.725	ug/L	
22) 2-Butanone	7.136	43	4696m	3.079	ug/L	
23) Bromochloromethane	7.520	128	1088	0.753	ug/L #	80
25) Chloroform	7.679	83	5249	0.831	ug/L	91

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27) 1,2-Dichloroethane	8.398	62	3341m	0.819	ug/L	
29) Cyclohexane	7.953	56	5228	0.801	ug/L #	79
30) 1,1,1-Trichloroethane	7.874	97	4444m	0.802	ug/L	
31) Carbon tetrachloride	8.075	117	3606	0.746	ug/L	98
33) Benzene	8.331	78	10731	0.783	ug/L	100
34) Trichloroethene	9.093	95	3092	0.826	ug/L	90
35) Methylcyclohexane	9.337	83	5446	0.817	ug/L	98
37) 1,2-Dichloropropane	9.374	63	2841m	0.785	ug/L	
38) Bromodichloromethane	9.648	83	2927	0.700	ug/L #	97
40) 4-Methyl-2-pentanone	10.209	43	2977	1.217	ug/L #	89
42) Toluene	10.386	91	10977	0.757	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	1838	0.729	ug/L	88
49) Dibromochloromethane	11.129	129	1528	0.614	ug/L	91
50) 1,2-Dibromoethane	11.233	107	1475	0.640	ug/L #	84
51) Chlorobenzene	11.660	112	5979	0.684	ug/L	89
52) Ethylbenzene	11.733	91	11957	0.726	ug/L	95
53) m,p-Xylene	11.843	106	4427	0.730	ug/L	92
54) o-Xylene	12.166	106	3588	0.651	ug/L	84
55) Styrene	12.178	104	5387	0.572	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	2375	0.724	ug/L #	94
59) Bromoform	12.349	173	745	0.583	ug/L #	79
60) Isopropylbenzene	12.464	105	10464	0.695	ug/L #	90
61) 1,2,3-Trichloropropane	12.763	75	1616	0.735	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	7892	0.709	ug/L	95
63) 1,2,4-Trimethylbenzene	13.251	105	7924	0.715	ug/L	91
64) 1,3-Dichlorobenzene	13.495	146	4308	0.747	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	4082	0.710	ug/L	95
67) 1,2-Dichlorobenzene	13.873	146	3565	0.686	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	604m	1.142	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	2756	0.711	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	2068	0.687	ug/L	99
71) Naphthalene	15.360	128	3919	0.619	ug/L #	82
72) 1,2,3-Trichlorobenzene	15.549	180	1803	0.699	ug/L #	89

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

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