

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027566.D
 Acq On : 06 Dec 2023 14:14
 Operator : SY/MD
 Sample : 04696-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Dec 07 07:15:15 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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	126831	21.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	2.899	69	96286	22.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	4.027	65	57453	22.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.120%
21) 2-Butanone-d5	7.081	46	68089	43.599	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.200%
24) Chloroform-d	7.654	84	205048	23.195	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	8.307	65	108517	24.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	8.276	84	450346	25.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.270	67	132327	25.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	10.325	98	386804	25.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	10.575	79	47248	23.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.240%
47) 2-Hexanone-d5	10.922	63	46056	47.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100576	23.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	108039	25.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	5191m	1.309	ug/L	
3) Chloromethane	2.216	50	5802	1.195	ug/L	98
5) Vinyl chloride	2.375	62	7277m	1.285	ug/L	
6) Bromomethane	2.795	94	3106	1.045	ug/L	94
8) Chloroethane	2.936	64	4270m	1.320	ug/L	
9) Trichlorofluoromethane	3.277	101	5839	1.076	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	5913m	1.278	ug/L	
12) 1,1-Dichloroethene	4.051	96	6046	1.431	ug/L #	1
13) Acetone	4.131	43	5907m	3.924	ug/L	
14) Carbon disulfide	4.393	76	14838	1.162	ug/L	98
15) Methyl Acetate	4.679	43	3741m	1.422	ug/L	
16) Methylene chloride	4.923	84	10237	2.120	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	4890	1.123	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	7313m	1.041	ug/L	
19) 1,1-Dichloroethane	6.216	63	9616	1.086	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	4982	1.065	ug/L	93
22) 2-Butanone	7.185	43	7355m	3.787	ug/L	
23) Bromochloromethane	7.520	128	2337	1.270	ug/L	91
25) Chloroform	7.679	83	9780	1.216	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	8.398	62	6204	1.193	ug/L	#	95
29) Cyclohexane	7.959	56	9193	1.119	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	7889	1.132	ug/L		98
31) Carbon tetrachloride	8.075	117	6969	1.147	ug/L		96
33) Benzene	8.325	78	19035	1.104	ug/L		100
34) Trichloroethene	9.093	95	5537	1.176	ug/L		97
35) Methylcyclohexane	9.331	83	9574	1.142	ug/L		96
37) 1,2-Dichloropropane	9.367	63	5139	1.129	ug/L	#	91
38) Bromodichloromethane	9.648	83	5660	1.075	ug/L	#	92
39) cis-1,3-Dichloropropene	10.075	75	6810	1.036	ug/L		93
40) 4-Methyl-2-pentanone	10.209	43	6417	2.085	ug/L		94
42) Toluene	10.386	91	20386	1.118	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	5738m	1.082	ug/L		
45) 1,1,2-Trichloroethane	10.788	97	3600	1.136	ug/L		90
46) Tetrachloroethene	10.861	164	3869	1.152	ug/L		85
48) 2-Hexanone	10.965	43	4639	2.139	ug/L	#	90
49) Dibromochloromethane	11.123	129	3360	1.072	ug/L		82
50) 1,2-Dibromoethane	11.233	107	3417	1.178	ug/L		85
51) Chlorobenzene	11.654	112	12649	1.150	ug/L		93
52) Ethylbenzene	11.727	91	22872	1.104	ug/L		99
53) m,p-Xylene	11.836	106	7849	1.028	ug/L		96
54) o-Xylene	12.166	106	7254	1.046	ug/L		96
55) Styrene	12.178	104	11233	0.949	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	4959	1.201	ug/L	#	89
59) Bromoform	12.349	173	1799	1.070	ug/L	#	90
60) Isopropylbenzene	12.464	105	20740	1.047	ug/L	#	94
61) 1,2,3-Trichloropropane	12.769	75	3367	1.163	ug/L		95
62) 1,3,5-Trimethylbenzene	12.940	105	14392	0.982	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	14623	1.002	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	8116	1.069	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	8603	1.136	ug/L		93
67) 1,2-Dichlorobenzene	13.867	146	7365	1.077	ug/L	#	85
68) 1,2-Dibromo-3-chloropr...	14.476	75	1354	1.945	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.623	180	5002	0.980	ug/L		94
70) 1,2,4-trichlorobenzene	15.129	180	4640	1.171	ug/L		89
71) Naphthalene	15.360	128	8800	1.056	ug/L	#	93
72) 1,2,3-Trichlorobenzene	15.543	180	3771	1.111	ug/L		95

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

