

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120723\
 Data File : VW027575.D
 Acq On : 07 Dec 2023 15:23
 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 08 05:10:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 08 05:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	282859	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256829	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	108763	19.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
7) Chloroethane-d5	2.905	69	86178	20.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.520%
11) 1,1-Dichloroethene-d2	4.027	65	50353	20.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.640%
21) 2-Butanone-d5	7.081	46	73698	49.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.820%
24) Chloroform-d	7.654	84	189955	22.498	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.307	65	105620m	24.463	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.840%
32) Benzene-d6	8.282	84	399041	22.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.276	67	121256	22.738	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	10.325	98	338586	21.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.575	79	43949	21.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.240%
47) 2-Hexanone-d5	10.922	63	54353	54.703	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103012	23.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.960%
66) 1,2-Dichlorobenzene-d4	13.855	152	102478	23.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	2729m	0.721	ug/L	
3) Chloromethane	2.229	50	3320m	0.716	ug/L	
6) Bromomethane	2.796	94	2008m	0.707	ug/L	
12) 1,1-Dichloroethene	4.045	96	3437m	0.852	ug/L	
13) Acetone	4.137	43	5000m	3.477	ug/L	
14) Carbon disulfide	4.399	76	8583	0.704	ug/L #	88
15) Methyl Acetate	4.692	43	2292m	0.912	ug/L	
16) Methylene chloride	4.923	84	12900	2.797	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	2867	0.689	ug/L	90
18) Methyl tert-butyl Ether	5.423	73	4345m	0.648	ug/L	
22) 2-Butanone	7.136	43	6086m	3.281	ug/L	
40) 4-Methyl-2-pentanone	10.215	43	3760	1.189	ug/L #	89
45) 1,1,2-Trichloroethane	10.788	97	1986	0.609	ug/L	92
49) Dibromochloromethane	11.129	129	2022	0.628	ug/L	84
54) o-Xylene	12.166	106	3977	0.558	ug/L	81
55) Styrene	12.184	104	6406	0.526	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	3065	0.722	ug/L #	79
61) 1,2,3-Trichloropropane	12.769	75	2075	0.705	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.940	105	7492	0.503	ug/L	100

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63) 1,2,4-Trimethylbenzene	13.251	105	7937	0.535	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	4603	0.596	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	755m	1.066	ug/L	
69) 1,3,5-Trichlorobenzene	14.629	180	3057	0.589	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	2367	0.587	ug/L	96
71) Naphthalene	15.360	128	5076	0.599	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.549	180	2008	0.581	ug/L #	82

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

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