

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077654.D
 Acq On : 21 Nov 2023 19:14
 Operator : JC/SY
 Sample : 05438-08MSD
 Misc : 5.07G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EY1G7MSD

Quant Time: Nov 22 01:43:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	1872	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	1132	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/L	-13.52
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	538	11.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.200%
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.000%#
21) 2-Butanone-d5	7.093	46	127	15.404	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.800%
24) Chloroform-d	7.581	84	220	4.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	16.280%#
26) 1,2-Dichloroethane-d4	8.234	65	480	16.687	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.760%#
32) Benzene-d6	8.199	84	1924	26.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.760%
36) 1,2-Dichloropropane-d6	9.199	67	567	23.693	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	10.263	98	1718	25.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.520%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.000%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	12.657	84	59	3.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	14.880%#
66) 1,2-Dichlorobenzene-d4	13.804	152	121	0.000	ug/L	-0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.923	85	351	11.643	ug/L #	81
3) Chloromethane	2.152	50	980	22.594	ug/L	85
5) Vinyl chloride	2.293	62	758	15.483	ug/L #	51
8) Chloroethane	2.840	64	573	18.827	ug/L #	46
9) Trichlorofluoromethane	3.193	101	755	16.946	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	212	7.732	ug/L #	64
12) 1,1-Dichloroethene	3.958	96	178	6.686	ug/L #	13
13) Acetone	4.017	43	216	24.924	ug/L	61
14) Carbon disulfide	4.275	76	1010	10.537	ug/L #	76
15) Methyl Acetate	4.570	43	120	8.417	ug/L #	56
16) Methylene chloride	4.811	84	408	12.909	ug/L	79
17) trans-1,2-Dichloroethene	5.317	96	379	13.534	ug/L #	64
18) Methyl tert-butyl Ether	5.322	73	731	11.122	ug/L #	53
19) 1,1-Dichloroethane	6.105	63	880	15.662	ug/L #	50
20) cis-1,2-Dichloroethene	7.081	96	316	10.387	ug/L #	34
22) 2-Butanone	7.087	43	63	6.042	ug/L #	49
25) Chloroform	7.593	83	1330	25.768	ug/L	77
27) 1,2-Dichloroethane	8.328	62	734	21.452	ug/L #	73
29) Cyclohexane	7.887	56	539	14.665	ug/L #	81

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

30) 1,1,1-Trichloroethane	7.787	97	665	22.440	ug/L #	84
31) Carbon tetrachloride	8.005	117	281	11.034	ug/L #	31
33) Benzene	8.252	78	2282	29.070	ug/L	100
34) Trichloroethene	9.028	95	487	25.037	ug/L #	70
35) Methylcyclohexane	9.281	83	115	3.276	ug/L #	1
37) 1,2-Dichloropropane	9.299	63	388	17.779	ug/L #	88
38) Bromodichloromethane	9.587	83	729	29.123	ug/L #	72
39) cis-1,3-Dichloropropene	10.028	75	756	22.544	ug/L #	71
40) 4-Methyl-2-pentanone	10.152	43	398	29.928	ug/L #	45
42) Toluene	10.334	91	2017	24.473	ug/L	90
44) trans-1,3-Dichloropropene	10.552	75	223	8.048	ug/L #	40
45) 1,1,2-Trichloroethane	10.728	97	238	17.842	ug/L #	49
48) 2-Hexanone	10.999	43	74	7.020	ug/L #	40
51) Chlorobenzene	11.604	112	843	17.459	ug/L #	77
52) Ethylbenzene	11.687	91	1953	21.536	ug/L	88
53) m,p-Xylene	11.804	106	354	10.727	ug/L #	39
54) o-Xylene	12.110	106	417	13.194	ug/L	97
55) Styrene	12.146	104	255	4.621	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	136	8.654	ug/L #	25

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

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