

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076687.D
 Acq On : 03 Jul 2023 12:52
 Operator : KP/SY
 Sample : 03444-23
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4657

Quant Time: Jul 04 01:10:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	255699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	226863	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	111630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	108467	17.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.680%
7) Chloroethane-d5	2.787	69	96353	19.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.560%
11) 1,1-Dichloroethene-d2	3.911	65	33652	20.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	6.987	46	46129	48.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.820%
24) Chloroform-d	7.563	84	148387	22.027	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	8.228	65	81737	24.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.360%
32) Benzene-d6	8.199	84	286183	20.622	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.480%
36) 1,2-Dichloropropane-d6	9.204	67	87310	19.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.840%
41) Toluene-d8	10.269	98	267013	20.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.120%
43) trans-1,3-Dichloroprop...	10.522	79	39292	21.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.320%
47) 2-Hexanone-d5	10.875	63	33529	48.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77087	24.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	89983	21.992	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	38020	49.914	ug/L	69
16) Methylene chloride	4.787	84	73545	16.548	ug/L	83
19) 1,1-Dichloroethane	6.105	63	104629	15.468	ug/L	92
22) 2-Butanone	7.075	43	20711	16.849	ug/L	97
34) Trichloroethene	9.028	95	31716	8.223	ug/L	99
42) Toluene	10.328	91	125103	7.797	ug/L	92
52) Ethylbenzene	11.681	91	306114	17.700	ug/L	99
53) m,p-Xylene	11.787	106	282050	41.500	ug/L	97

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

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