

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076699.D
 Acq On : 03 Jul 2023 18:15
 Operator : KP/SY
 Sample : 03444-19RE
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46YORE

Quant Time: Jul 04 01:11:53 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	181026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	123195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	36862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	14848	3.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	13.480%#
7) Chloroethane-d5	2.793	69	18139	5.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.360%#
11) 1,1-Dichloroethene-d2	3.917	65	5032	4.373	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	17.480%#
21) 2-Butanone-d5	6.981	46	57066	85.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.940%#
24) Chloroform-d	7.563	84	48871	10.247	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	41.000%
26) 1,2-Dichloroethane-d4	8.222	65	34940	14.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	59.400%#
32) Benzene-d6	8.199	84	67637	8.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	35.920%
36) 1,2-Dichloropropane-d6	9.204	67	31638	13.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	52.600%#
41) Toluene-d8	10.269	98	50371	7.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	28.880%#
43) trans-1,3-Dichloroprop...	10.528	79	13545	13.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.160%
47) 2-Hexanone-d5	10.875	63	37111	99.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	198.780%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	46709	27.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	18116	13.408	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	53.640%#
Target Compounds						
					Qvalue	
8) Chloroethane	2.834	64	16103	5.197	ug/L	98
13) Acetone	4.016	43	84894	157.426	ug/L	94
14) Carbon disulfide	4.264	76	5586	0.656	ug/L #	76
22) 2-Butanone	7.081	43	38666	44.430	ug/L	77
33) Benzene	8.246	78	6056	0.743	ug/L	100
35) Methylcyclohexane	9.263	83	6250	1.850	ug/L #	61
42) Toluene	10.334	91	21133	2.425	ug/L	90
52) Ethylbenzene	11.687	91	21646	2.305	ug/L	98
53) m,p-Xylene	11.781	106	8696	2.356	ug/L	97
54) o-Xylene	12.122	106	14709	4.186	ug/L	97
60) Isopropylbenzene	12.422	105	5278	0.936	ug/L #	74
63) 1,2,4-Trimethylbenzene	13.210	105	26162	5.877	ug/L	93

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

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