

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027699.D
 Acq On : 16 Dec 2023 18:10
 Operator : SY/MD
 Sample : 05788-22
 Misc : 3.87g/10mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLS1

Quant Time: Dec 17 00:21:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	598466	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	477790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195753	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	191855	22.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
7) Chloroethane-d5	2.899	69	155927	23.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	4.021	65	73782	21.736	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.087	46	59685	41.354	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.700%
24) Chloroform-d	7.648	84	321041	22.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.160%
26) 1,2-Dichloroethane-d4	8.307	65	151437	22.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	8.276	84	717677	25.701	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	9.270	67	198261	25.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	10.319	98	631173	24.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.440%
43) trans-1,3-Dichloroprop...	10.575	79	68505	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	10.922	63	55048	47.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	127359	21.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	158392	22.604	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.400%
Target Compounds					Qvalue	
13) Acetone	4.149	43	218286	166.610	ug/L	97
16) Methylene chloride	4.911	84	27721	2.954	ug/L	94
22) 2-Butanone	7.179	43	43410	24.951	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	23587	8.072	ug/L	98
42) Toluene	10.386	91	75974	2.549	ug/L	99
48) 2-Hexanone	10.971	43	5910	2.717	ug/L #	93
52) Ethylbenzene	11.727	91	25259	0.752	ug/L	97
53) m,p-Xylene	11.831	106	39514	3.063	ug/L	95
54) o-Xylene	12.166	106	13382	1.114	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	11499	0.521	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	51438	2.366	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	29656	2.473	ug/L	92

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

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