

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027768.D
 Acq On : 19 Dec 2023 10:52
 Operator : SY/MD
 Sample : 05891-14
 Misc : 4.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLS4

Quant Time: Dec 19 22:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	636124	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	524153	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	220574	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	174203	19.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	2.899	69	129264	18.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
11) 1,1-Dichloroethene-d2	4.021	65	70488	19.536	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.160%
21) 2-Butanone-d5	7.094	46	49797	32.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.920%
24) Chloroform-d	7.648	84	317195	20.955	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.840%
26) 1,2-Dichloroethane-d4	8.307	65	139876	19.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.720%
32) Benzene-d6	8.270	84	681964	22.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.040%
36) 1,2-Dichloropropane-d6	9.270	67	187055	21.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.200%
41) Toluene-d8	10.319	98	601589	21.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.680%
43) trans-1,3-Dichloroprop...	10.575	79	65015	19.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.400%
47) 2-Hexanone-d5	10.922	63	46650	36.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117300	17.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.480%
66) 1,2-Dichlorobenzene-d4	13.849	152	165091	20.909	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.640%
Target Compounds						
					Qvalue	
13) Acetone	4.161	43	171109	122.870	ug/L	98
22) 2-Butanone	7.185	43	19597	10.597	ug/L	96
40) 4-Methyl-2-pentanone	10.215	43	3260	1.017	ug/L	95
42) Toluene	10.386	91	48096	1.471	ug/L	96
52) Ethylbenzene	11.727	91	14928	0.405	ug/L	97
53) m,p-Xylene	11.831	106	23594	1.667	ug/L	94
54) o-Xylene	12.166	106	7996	0.607	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	5869	0.434	ug/L	91

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

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