

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026527.D
 Acq On : 05 Jul 2023 12:54
 Operator : SY/MD
 Sample : 03501-05
 Misc : 4.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W2

Quant Time: Jul 06 02:28:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	937660	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	717240	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	227342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	223797	15.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.480%
7) Chloroethane-d5	2.893	69	204110	17.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	4.021	65	112008	17.032	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.120%
21) 2-Butanone-d5	7.075	46	202281	37.503	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.000%
24) Chloroform-d	7.648	84	525339	19.017	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.080%
26) 1,2-Dichloroethane-d4	8.307	65	318477	19.822	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.280%
32) Benzene-d6	8.270	84	1033920	22.609	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	9.276	67	343183	23.538	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	10.325	98	865476	21.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.320%
43) trans-1,3-Dichloroprop...	10.575	79	128124	21.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	10.922	63	140952	48.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	248852	19.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.040%
66) 1,2-Dichlorobenzene-d4	13.855	152	162718	18.022	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.080%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.375	62	21070	1.238	ug/L #	69
8) Chloroethane	2.930	64	130124	12.692	ug/L	96
13) Acetone	4.119	43	214983	64.265	ug/L	96
14) Carbon disulfide	4.393	76	39843	1.061	ug/L	99
19) 1,1-Dichloroethane	6.216	63	59810	2.086	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	12744	0.834	ug/L	89
22) 2-Butanone	7.173	43	95655	15.363	ug/L	94
29) Cyclohexane	7.953	56	20843	1.043	ug/L	97
35) Methylcyclohexane	9.331	83	38807	1.918	ug/L #	62
52) Ethylbenzene	11.727	91	70992	1.272	ug/L	94
53) m,p-Xylene	11.843	106	41598	2.038	ug/L	93
60) Isopropylbenzene	12.458	105	25685	0.737	ug/L #	88
67) 1,2-Dichlorobenzene	13.867	146	167479	11.984	ug/L #	75

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

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