

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026810.D
 Acq On : 23 Aug 2023 12:17
 Operator : SY/MD
 Sample : 04108-12
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHM8

Quant Time: Aug 24 01:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	550548	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523525	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	159450	17.618	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.480%
7) Chloroethane-d5	2.893	69	120406	17.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
11) 1,1-Dichloroethene-d2	4.021	65	88519	19.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.560%
21) 2-Butanone-d5	7.075	46	100161	38.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.000%
24) Chloroform-d	7.648	84	441233	23.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.520%
26) 1,2-Dichloroethane-d4	8.301	65	224279	21.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.960%
32) Benzene-d6	8.270	84	795468	22.047	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	9.270	67	247014	21.978	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.920%
41) Toluene-d8	10.319	98	723387	23.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.440%
43) trans-1,3-Dichloroprop...	10.575	79	103806	22.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	10.922	63	53395	45.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216608	24.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	222445	22.068	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.280%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.045	96	262661	32.278	ug/L	84
13) Acetone	4.125	43	441850	170.835	ug/L	96
16) Methylene chloride	4.917	84	392271	36.834	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	678293	74.696	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	645922	47.011	ug/L	97
19) 1,1-Dichloroethane	6.210	63	934312	49.992	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	696647	71.375	ug/L	96
22) 2-Butanone	7.167	43	307830	80.761	ug/L	93
25) Chloroform	7.673	83	1389052	76.932	ug/L	99
27) 1,2-Dichloroethane	8.398	62	255825	20.310	ug/L	98
31) Carbon tetrachloride	8.063	117	155974	12.485	ug/L	95
33) Benzene	8.325	78	2117119	55.532	ug/L	100
34) Trichloroethene	9.087	95	771882	79.494	ug/L	97
37) 1,2-Dichloropropane	9.368	63	416923	39.925	ug/L	99
38) Bromodichloromethane	9.642	83	666359	54.395	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	1027263	68.381	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	1244087	183.153	ug/L	96
42) Toluene	10.386	91	2611862	67.724	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	123309	9.536	ug/L	96

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45) 1,1,2-Trichloroethane	10.782	97	138606	19.408	ug/L	97
46) Tetrachloroethene	10.855	164	150892	21.390	ug/L	98
49) Dibromochloromethane	11.123	129	753225	100.839	ug/L	91
50) 1,2-Dibromoethane	11.233	107	165573	24.708	ug/L	93
53) m,p-Xylene	11.837	106	705996	44.064	ug/L	85
54) o-Xylene	12.166	106	325711	21.782	ug/L	95
55) Styrene	12.178	104	549840	21.148	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	696479	77.003	ug/L	100
59) Bromoform	12.349	173	277840	62.980	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	33111	1.021	ug/L	92
64) 1,3-Dichlorobenzene	13.495	146	283327	15.560	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	659679	34.714	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	38509	23.384	ug/L	96

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

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