

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026796.D
 Acq On : 22 Aug 2023 10:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: Aug 23 01:26:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 22 01:31:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	430046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	430213	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238765	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	173732	24.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.280%
7) Chloroethane-d5	2.893	69	134759	25.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.520%
11) 1,1-Dichloroethene-d2	4.021	65	88436	25.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.720%
21) 2-Butanone-d5	7.081	46	86660	42.650	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%
24) Chloroform-d	7.648	84	401084	27.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.160%
26) 1,2-Dichloroethane-d4	8.307	65	218698	27.457	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.840%
32) Benzene-d6	8.276	84	806961	27.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.880%
36) 1,2-Dichloropropane-d6	9.276	67	241062	26.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.400%
41) Toluene-d8	10.325	98	730609	28.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.840%
43) trans-1,3-Dichloroprop...	10.581	79	99074	25.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.920%
47) 2-Hexanone-d5	10.922	63	49377	50.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	194228	26.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	241472	28.256	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	151788	25.960	ug/L #	88
3) Chloromethane	2.223	50	165445	20.693	ug/L	98
5) Vinyl chloride	2.375	62	181418	23.736	ug/L	99
6) Bromomethane	2.790	94	109120	24.505	ug/L	95
8) Chloroethane	2.936	64	109153	23.834	ug/L	98
9) Trichlorofluoromethane	3.265	101	162421	25.894	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	166131	24.520	ug/L #	88
12) 1,1-Dichloroethene	4.051	96	171319	26.952	ug/L	98
13) Acetone	4.125	43	91286	45.184	ug/L	100
14) Carbon disulfide	4.399	76	546517	23.899	ug/L	99
15) Methyl Acetate	4.667	43	91070	22.503	ug/L	97
16) Methylene chloride	4.917	84	195976	23.558	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	186107	26.238	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	295233	27.508	ug/L	97
19) 1,1-Dichloroethane	6.216	63	375527	25.724	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	205476	26.951	ug/L	97
22) 2-Butanone	7.173	43	121788	40.905	ug/L	95
23) Bromochloromethane	7.514	128	88905	26.995	ug/L	91
25) Chloroform	7.679	83	372179	26.389	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	257895	26.212	ug/L	99
29) Cyclohexane	7.959	56	331585	24.923	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	301596	26.861	ug/L	99
31) Carbon tetrachloride	8.069	117	275553	26.841	ug/L	96
33) Benzene	8.325	78	819566	26.160	ug/L	100
34) Trichloroethene	9.093	95	208750	26.162	ug/L	98
35) Methylcyclohexane	9.337	83	364513	26.704	ug/L	97
37) 1,2-Dichloropropane	9.368	63	217327	25.326	ug/L	98
38) Bromodichloromethane	9.642	83	263365	26.162	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	332221	26.911	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	256386	45.931	ug/L	97
42) Toluene	10.386	91	874390	27.590	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	284020	26.729	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	154361	26.302	ug/L	97
46) Tetrachloroethene	10.861	164	154682	26.684	ug/L	96
48) 2-Hexanone	10.965	43	185306	48.788	ug/L	98
49) Dibromochloromethane	11.129	129	168428	27.439	ug/L	92
50) 1,2-Dibromoethane	11.233	107	142217	25.826	ug/L	99
51) Chlorobenzene	11.654	112	541762	27.062	ug/L	99
52) Ethylbenzene	11.727	91	1007418	28.346	ug/L	98
53) m,p-Xylene	11.837	106	379848	28.850	ug/L	92
54) o-Xylene	12.166	106	354315	28.834	ug/L	100
55) Styrene	12.178	104	647890	30.324	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	188214	25.322	ug/L	99
59) Bromoform	12.349	173	95954	25.654	ug/L	97
60) Isopropylbenzene	12.459	105	992439	27.957	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	140384	24.239	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	817018	29.119	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	831221	30.232	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	417527	27.045	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	438021	27.187	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	387051	27.570	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	32930	23.585	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	271329	26.014	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	234676	26.537	ug/L	96
71) Naphthalene	15.360	128	459033	27.212	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	213107	26.718	ug/L	97

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

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