

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027634.D
 Acq On : 15 Dec 2023 13:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Dec 16 04:33:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 16 04:21:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328431	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	163878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	114071	24.524	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.080%			
7) Chloroethane-d5	2.905	69	103373	28.544	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.160%			
11) 1,1-Dichloroethene-d2	4.021	65	49064	26.338	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.360%			
21) 2-Butanone-d5	7.087	46	50894	64.256	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.520%			
24) Chloroform-d	7.648	84	238725	30.546	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 122.200%			
26) 1,2-Dichloroethane-d4	8.307	65	106781	29.100	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.400%			
32) Benzene-d6	8.276	84	491225	28.585	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.320%			
36) 1,2-Dichloropropane-d6	9.270	67	147728	30.343	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.360%#			
41) Toluene-d8	10.319	98	447766	28.084	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.320%			
43) trans-1,3-Dichloroprop...	10.575	79	52396	27.797	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.200%			
47) 2-Hexanone-d5	10.922	63	46695	65.815	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.620%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111403	30.258	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.040%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	154769	26.384	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.021	85	104773	27.408	ug/L	96
3) Chloromethane	2.222	50	125284	27.826	ug/L	99
5) Vinyl chloride	2.375	62	154952	28.927	ug/L	99
6) Bromomethane	2.796	94	101947	29.901	ug/L	90
8) Chloroethane	2.942	64	96528	30.140	ug/L	99
9) Trichlorofluoromethane	3.271	101	150210	31.048	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	126647	30.817	ug/L	99
12) 1,1-Dichloroethene	4.045	96	127813	31.770	ug/L	94
13) Acetone	4.143	43	52643	73.217	ug/L	98
14) Carbon disulfide	4.387	76	369008	27.303	ug/L	100
16) Methylene chloride	4.917	84	137110	26.625	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	133738	31.438	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	182589	32.464	ug/L	100
19) 1,1-Dichloroethane	6.222	63	240334	33.223	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	150518	33.611	ug/L	94
22) 2-Butanone	7.179	43	60276	63.130	ug/L	99
23) Bromochloromethane	7.514	128	61330	32.433	ug/L	93
25) Chloroform	7.679	83	242947	34.101	ug/L	97
27) 1,2-Dichloroethane	8.398	62	135044	32.331	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	215408	30.962	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	207621	33.803	ug/L	99
31) Carbon tetrachloride	8.069	117	174623	32.305	ug/L	94
33) Benzene	8.325	78	552859	32.434	ug/L	100
34) Trichloroethene	9.093	95	149522	32.181	ug/L	96
35) Methylcyclohexane	9.337	83	260516	31.087	ug/L	100
37) 1,2-Dichloropropane	9.368	63	135175	32.852	ug/L	100
38) Bromodichloromethane	9.642	83	167667	33.525	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	211308	33.694	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	107058	59.530	ug/L	99
42) Toluene	10.386	91	612968	33.422	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	166191	33.651	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	96171	31.570	ug/L	97
46) Tetrachloroethene	10.861	164	118144	31.844	ug/L	98
48) 2-Hexanone	10.965	43	86226	64.417	ug/L	99
49) Dibromochloromethane	11.123	129	108233	33.970	ug/L	100
50) 1,2-Dibromoethane	11.233	107	88472	30.560	ug/L	96
51) Chlorobenzene	11.654	112	384417	32.807	ug/L	91
52) Ethylbenzene	11.727	91	704539	34.090	ug/L	98
53) m,p-Xylene	11.837	106	266995	33.634	ug/L	95
54) o-Xylene	12.160	106	252566	34.168	ug/L	97
55) Styrene	12.178	104	431027	34.590	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	107748	31.029	ug/L	99
59) Bromoform	12.349	173	58190	29.009	ug/L	98
60) Isopropylbenzene	12.458	105	712674	30.813	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74213	27.172	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	545789	29.520	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	560406	30.792	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	296767	29.693	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	304550	30.336	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	264072	30.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	14686	26.915	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.623	180	221732	31.884	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	170699	29.889	ug/L	94
71) Naphthalene	15.360	128	301644	29.806	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	146252	30.629	ug/L	98

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

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