

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031129.D
 Acq On : 04 Dec 2024 16:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

Quant Time: Dec 05 02:24:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:31:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	369748	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	162444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	129431	22.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.000%
7) Chloroethane-d5	2.899	69	108276	24.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.120%
11) 1,1-Dichloroethene-d2	4.021	65	60419	23.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.080%
21) 2-Butanone-d5	7.075	46	48420	48.657	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
24) Chloroform-d	7.642	84	278236	25.693	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.760%
26) 1,2-Dichloroethane-d4	8.301	65	137074	25.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.880%
32) Benzene-d6	8.270	84	516850	25.146	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	9.270	67	150273	24.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.319	98	481234	25.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.760%
43) trans-1,3-Dichloroprop...	10.575	79	62686	25.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.440%
47) 2-Hexanone-d5	10.922	63	36112	51.195	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102098	25.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	145722	25.256	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	130573	27.965	ug/L	95
3) Chloromethane	2.222	50	141111	25.624	ug/L	99
5) Vinyl chloride	2.375	62	159120	24.054	ug/L	99
6) Bromomethane	2.789	94	101272	24.075	ug/L	93
8) Chloroethane	2.930	64	96535	24.398	ug/L	97
9) Trichlorofluoromethane	3.265	101	175885	25.270	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	135183	25.565	ug/L	95
12) 1,1-Dichloroethene	4.039	96	121978	23.229	ug/L	84
13) Acetone	4.118	43	76776	42.854	ug/L	94
14) Carbon disulfide	4.387	76	417168	24.224	ug/L	99
15) Methyl Acetate	4.661	43	44365	23.599	ug/L	96
16) Methylene chloride	4.917	84	127479	23.821	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	135721	24.314	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	190426	24.385	ug/L	97
19) 1,1-Dichloroethane	6.209	63	250889	24.436	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	141786	24.182	ug/L	94
22) 2-Butanone	7.167	43	77401	45.970	ug/L	95
23) Bromochloromethane	7.508	128	59239	23.796	ug/L	92
25) Chloroform	7.667	83	261043	24.445	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	160231	24.360	ug/L	98
29) Cyclohexane	7.953	56	209529	24.892	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	221027	24.538	ug/L	97
31) Carbon tetrachloride	8.069	117	197024	23.936	ug/L	100
33) Benzene	8.319	78	552999	24.453	ug/L	100
34) Trichloroethene	9.087	95	151279	24.252	ug/L	95
35) Methylcyclohexane	9.331	83	244515	24.633	ug/L	96
37) 1,2-Dichloropropane	9.361	63	134700	23.944	ug/L	99
38) Bromodichloromethane	9.642	83	179116	24.325	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	212535	25.023	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	124529	49.434	ug/L	96
42) Toluene	10.386	91	606376	25.454	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	170831	24.465	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	92113	23.826	ug/L	95
46) Tetrachloroethene	10.861	164	111790	24.175	ug/L	92
48) 2-Hexanone	10.965	43	106705	46.819	ug/L	92
49) Dibromochloromethane	11.123	129	104477	24.531	ug/L	96
50) 1,2-Dibromoethane	11.227	107	86937	24.063	ug/L	92
51) Chlorobenzene	11.654	112	354432	23.308	ug/L	94
52) Ethylbenzene	11.727	91	681409	25.242	ug/L	99
53) m,p-Xylene	11.837	106	251710	25.054	ug/L	96
54) o-Xylene	12.160	106	241673	25.857	ug/L	100
55) Styrene	12.178	104	399660	25.402	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	98613	23.545	ug/L #	97
59) Bromoform	12.343	173	54993	23.167	ug/L	95
60) Isopropylbenzene	12.458	105	649927	24.784	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	72168	23.776	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	536944	26.003	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	516300	25.452	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	273341	23.902	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	270208	23.391	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	244375	24.429	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	15528	23.560	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	196231	25.253	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	148223	24.326	ug/L	99
71) Naphthalene	15.360	128	238667	24.314	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	117015	22.437	ug/L	97

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

