

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111924\
 Data File : VW031063.D
 Acq On : 19 Nov 2024 17:01
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025571

Quant Time: Nov 20 03:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 20 03:15:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	350623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	327334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	168670	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	114720	19.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
7) Chloroethane-d5	2.899	69	99335	22.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
11) 1,1-Dichloroethene-d2	4.021	65	53136	22.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.560%
21) 2-Butanone-d5	7.075	46	60359	63.782	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.560%
24) Chloroform-d	7.648	84	285384	27.609	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.440%
26) 1,2-Dichloroethane-d4	8.307	65	141768	27.585	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.360%
32) Benzene-d6	8.270	84	545383	26.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.280%
36) 1,2-Dichloropropane-d6	9.270	67	163629	27.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.200%
41) Toluene-d8	10.319	98	476076	26.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	10.575	79	66604	27.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.640%
47) 2-Hexanone-d5	10.922	63	50003	64.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132109	31.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.520%#
66) 1,2-Dichlorobenzene-d4	13.848	152	174491	28.400	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.600%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75473	20.208	ug/L	94
3) Chloromethane	2.222	50	93044	18.489	ug/L	97
5) Vinyl chloride	2.375	62	121392	20.353	ug/L	98
6) Bromomethane	2.795	94	83104	21.221	ug/L	94
8) Chloroethane	2.936	64	77067	21.315	ug/L	96
9) Trichlorofluoromethane	3.277	101	135957	24.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127629	25.471	ug/L	92
12) 1,1-Dichloroethene	4.045	96	117994	26.036	ug/L	86
13) Acetone	4.125	43	69560	60.183	ug/L	95
14) Carbon disulfide	4.393	76	357188	23.975	ug/L	100
15) Methyl Acetate	4.673	43	46449	27.398	ug/L	99
16) Methylene chloride	4.917	84	133170	26.865	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	131651	26.479	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	192586	28.699	ug/L	98
19) 1,1-Dichloroethane	6.216	63	236957	25.540	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	144875	27.468	ug/L	97
22) 2-Butanone	7.173	43	79262	61.237	ug/L	99
23) Bromochloromethane	7.514	128	65822	28.496	ug/L	96
25) Chloroform	7.679	83	253653	25.984	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151904	24.986	ug/L	97
29) Cyclohexane	7.959	56	188187	23.990	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	208883	24.842	ug/L	97
31) Carbon tetrachloride	8.069	117	190008	25.148	ug/L	99
33) Benzene	8.325	78	548973	26.020	ug/L	100
34) Trichloroethene	9.093	95	146388	25.162	ug/L	92
35) Methylcyclohexane	9.337	83	232454	25.209	ug/L	98
37) 1,2-Dichloropropane	9.367	63	139617	26.478	ug/L	98
38) Bromodichloromethane	9.642	83	180502	26.067	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	212740	26.971	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	132201	54.824	ug/L	97
42) Toluene	10.386	91	597449	26.741	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	172906	26.386	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	104636	27.647	ug/L	97
46) Tetrachloroethene	10.855	164	118041	26.540	ug/L	94
48) 2-Hexanone	10.965	43	110158	60.045	ug/L	94
49) Dibromochloromethane	11.129	129	117916	28.575	ug/L	96
50) 1,2-Dibromoethane	11.233	107	98914	28.340	ug/L	98
51) Chlorobenzene	11.654	112	381276	26.665	ug/L	98
52) Ethylbenzene	11.727	91	674792	26.730	ug/L	95
53) m,p-Xylene	11.837	106	263206	27.722	ug/L	99
54) o-Xylene	12.166	106	242604	27.770	ug/L	95
55) Styrene	12.178	104	431649	28.918	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	118316	28.645	ug/L	99
59) Bromoform	12.349	173	65721	27.288	ug/L	99
60) Isopropylbenzene	12.458	105	661654	25.717	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	81202	25.678	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	545613	26.934	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	518226	26.269	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	303351	26.852	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	308197	26.573	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	270289	26.845	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	17364	25.936	ug/L	84
69) 1,3,5-Trichlorobenzene	14.623	180	203078	27.089	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	168090	28.238	ug/L	99
71) Naphthalene	15.360	128	290159	30.068	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	152484	29.723	ug/L	97

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

