

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031122\
 Data File : VW022308.D
 Acq On : 11 Mar 2022 18:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Mar 11 21:06:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 21:01:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	132136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	128490	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78354	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43571	25.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.120%
7) Chloroethane-d5	2.879	69	37423	27.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	4.013	63	56646	21.463	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.840%
21) 2-Butanone-d5	7.080	46	18081	62.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.800%
24) Chloroform-d	7.647	84	77629	26.331	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.320%
26) 1,2-Dichloroethane-d4	8.305	65	39900	26.036	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.160%
32) Benzene-d6	8.275	84	142439	23.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.280%
36) 1,2-Dichloropropane-d6	9.274	67	41163	24.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.323	98	140628	23.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	10.579	79	18228	24.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.040%
47) 2-Hexanone-d5	10.927	63	16230	59.421	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43329	29.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	61526	24.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	13226	35.815	ug/L	94
3) Chloromethane	2.215	50	29651	23.432	ug/L	98
5) Vinyl chloride	2.355	62	49014	25.779	ug/L	97
6) Bromomethane	2.770	94	35418	26.672	ug/L	96
8) Chloroethane	2.916	64	30800	28.836	ug/L	95
9) Trichlorofluoromethane	3.251	101	27520	21.319	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	40205	25.528	ug/L	97
12) 1,1-Dichloroethene	4.032	96	31745	23.257	ug/L	89
13) Acetone	4.123	43	12139	51.290	ug/L	95
14) Carbon disulfide	4.373	76	58749	16.601	ug/L	99
15) Methyl Acetate	4.666	43	15372	28.850	ug/L #	86
16) Methylene chloride	4.915	84	39842	24.565	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	34942	23.307	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	59485	29.164	ug/L	100
19) 1,1-Dichloroethane	6.208	63	67303	27.729	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	43373	26.706	ug/L	97
22) 2-Butanone	7.171	43	21145	62.195	ug/L	93
23) Bromochloromethane	7.506	128	20834	26.261	ug/L	92
25) Chloroform	7.677	83	79484	28.067	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48298	27.689	ug/L	98
29) Cyclohexane	7.952	56	47147	22.049	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	65793	25.451	ug/L	98
31) Carbon tetrachloride	8.073	117	62843	25.579	ug/L	97
33) Benzene	8.323	78	155980	25.109	ug/L	100
34) Trichloroethene	9.092	95	43132	24.249	ug/L	96
35) Methylcyclohexane	9.335	83	61412	22.322	ug/L	99
37) 1,2-Dichloropropane	9.366	63	39413	27.195	ug/L	98
38) Bromodichloromethane	9.646	83	59025	28.401	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	60788	27.594	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	47957	61.275	ug/L	100
42) Toluene	10.384	91	183712	26.129	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	55238	27.903	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	35957	27.979	ug/L	97
46) Tetrachloroethene	10.860	164	36266	23.275	ug/L	88
48) 2-Hexanone	10.963	43	34961	64.361	ug/L	99
49) Dibromochloromethane	11.128	129	45737	29.300	ug/L	92
50) 1,2-Dibromoethane	11.231	107	33779	27.251	ug/L	93
51) Chlorobenzene	11.652	112	127232	26.002	ug/L	96
52) Ethylbenzene	11.731	91	207257	26.635	ug/L	99
53) m,p-Xylene	11.835	106	83844	26.186	ug/L	99
54) o-Xylene	12.164	106	84187	27.944	ug/L	94
55) Styrene	12.176	104	143589	28.430	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	44890	30.105	ug/L	98
59) Bromoform	12.347	173	26204	25.290	ug/L #	98
60) Isopropylbenzene	12.463	105	231837	24.648	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	32660	26.410	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	161929	25.890	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	199769	26.135	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	117702	25.226	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	114948	24.584	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	108444	26.141	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	7052	26.975	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	83906	25.054	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	68123	26.884	ug/L	94
71) Naphthalene	15.359	128	129222	28.888	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	58972	26.906	ug/L	98

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

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