

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023084.D
 Acq On : 17 May 2022 04:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: May 17 06:02:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 02:41:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	332064	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186071	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	154283	22.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
7) Chloroethane-d5	2.885	69	114218	25.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.080%
11) 1,1-Dichloroethene-d2	4.025	63	189714	21.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.200%
21) 2-Butanone-d5	7.080	46	68993	53.263	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.520%
24) Chloroform-d	7.653	84	263036	27.037	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.160%
26) 1,2-Dichloroethane-d4	8.305	65	144462	27.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.280%
32) Benzene-d6	8.275	84	507585	25.735	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	9.274	67	147093	26.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.200%
41) Toluene-d8	10.323	98	500247	26.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.040%
43) trans-1,3-Dichloroprop...	10.579	79	64512	25.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.927	63	58462	55.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142055	27.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	191040	29.371	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33346	18.421	ug/L	93
3) Chloromethane	2.221	50	73337	20.965	ug/L	99
5) Vinyl chloride	2.361	62	130502	18.590	ug/L	98
6) Bromomethane	2.776	94	82908	18.394	ug/L	99
8) Chloroethane	2.922	64	70250	20.747	ug/L	92
9) Trichlorofluoromethane	3.251	101	51166	15.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	98864	20.607	ug/L	98
12) 1,1-Dichloroethene	4.044	96	83484	19.629	ug/L	88
13) Acetone	4.123	43	34094	35.156	ug/L	97
14) Carbon disulfide	4.385	76	168427	14.445	ug/L	98
15) Methyl Acetate	4.678	43	42951	22.045	ug/L	97
16) Methylene chloride	4.922	84	112667	23.188	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	94975	19.844	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	180946	24.766	ug/L	99
19) 1,1-Dichloroethane	6.220	63	182958	22.555	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	118553	23.062	ug/L	# 100
22) 2-Butanone	7.171	43	61233	45.149	ug/L	97
23) Bromochloromethane	7.519	128	55168	22.915	ug/L	91
25) Chloroform	7.677	83	213516	23.805	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139169	23.276	ug/L	97
29) Cyclohexane	7.958	56	133724	18.070	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	170049	21.029	ug/L	99
31) Carbon tetrachloride	8.067	117	152597	20.173	ug/L	99
33) Benzene	8.323	78	421180	20.894	ug/L	100
34) Trichloroethene	9.091	95	113980	20.560	ug/L	96
35) Methylcyclohexane	9.335	83	165310	18.151	ug/L	97
37) 1,2-Dichloropropane	9.372	63	107490	22.035	ug/L	99
38) Bromodichloromethane	9.646	83	157420	22.719	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	165320	21.856	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	142916	46.481	ug/L	99
42) Toluene	10.384	91	491573	21.759	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	149519	22.146	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	96518	23.668	ug/L	99
46) Tetrachloroethene	10.859	164	85434	20.506	ug/L	94
48) 2-Hexanone	10.969	43	97039	47.234	ug/L	99
49) Dibromochloromethane	11.128	129	119038	24.253	ug/L	95
50) 1,2-Dibromoethane	11.231	107	93665	22.874	ug/L	96
51) Chlorobenzene	11.658	112	341599	22.936	ug/L	99
52) Ethylbenzene	11.731	91	556208	22.130	ug/L	97
53) m,p-Xylene	11.841	106	225928	22.814	ug/L	97
54) o-Xylene	12.164	106	221744	23.334	ug/L	96
55) Styrene	12.176	104	376677	23.326	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121440	23.842	ug/L	99
59) Bromoform	12.347	173	62304	23.627	ug/L	99
60) Isopropylbenzene	12.463	105	597802	23.452	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88042	23.681	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	336794	23.749	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	511956	24.042	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	272252	23.922	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	277267	23.586	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	264529	25.400	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19149	23.567	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	181138	23.977	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	152150	25.037	ug/L	97
71) Naphthalene	15.359	128	357498	27.066	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	139353	25.873	ug/L	95

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

