

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023161.D
 Acq On : 19 May 2022 04:06
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: May 19 04:57:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 04:23:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	263271	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	264999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	161999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	126100	23.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
7) Chloroethane-d5	2.885	69	100442	28.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.320%
11) 1,1-Dichloroethene-d2	4.025	63	157862	22.619	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.080	46	61321	59.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.420%
24) Chloroform-d	7.653	84	228680	29.648	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.600%
26) 1,2-Dichloroethane-d4	8.305	65	127017	30.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.080%
32) Benzene-d6	8.274	84	430064	28.156	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.640%
36) 1,2-Dichloropropane-d6	9.274	67	128958	30.056	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.240%#
41) Toluene-d8	10.323	98	414995	28.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.520%
43) trans-1,3-Dichloroprop...	10.579	79	53941	27.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.200%
47) 2-Hexanone-d5	10.920	63	48785	59.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	138572	34.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.600%#
66) 1,2-Dichlorobenzene-d4	13.853	152	165650	29.252	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	28619	19.941	ug/L	98
3) Chloromethane	2.215	50	67089	24.191	ug/L	99
5) Vinyl chloride	2.361	62	110803	19.908	ug/L	99
6) Bromomethane	2.775	94	73710	20.626	ug/L	84
8) Chloroethane	2.922	64	63161	23.528	ug/L	92
9) Trichlorofluoromethane	3.257	101	46026	18.093	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	85252	22.413	ug/L	98
12) 1,1-Dichloroethene	4.043	96	69284	20.547	ug/L	91
13) Acetone	4.135	43	30694	39.920	ug/L	94
14) Carbon disulfide	4.385	76	139591	15.100	ug/L	98
15) Methyl Acetate	4.678	43	38599	24.988	ug/L	100
16) Methylene chloride	4.921	84	103572	26.886	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	81216	21.403	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	158890	27.430	ug/L	99
19) 1,1-Dichloroethane	6.220	63	159397	24.785	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	98798	24.241	ug/L #	96
22) 2-Butanone	7.177	43	49820	46.332	ug/L	99
23) Bromochloromethane	7.512	128	48042	25.170	ug/L	94
25) Chloroform	7.677	83	185176	26.040	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	123896	26.137	ug/L	100
29) Cyclohexane	7.957	56	109078	19.033	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	147457	23.546	ug/L	99
31) Carbon tetrachloride	8.067	117	129781	22.154	ug/L	99
33) Benzene	8.323	78	373638	23.934	ug/L	100
34) Trichloroethene	9.091	95	98119	22.854	ug/L	96
35) Methylcyclohexane	9.335	83	141341	20.040	ug/L	98
37) 1,2-Dichloropropane	9.366	63	95551	25.292	ug/L	100
38) Bromodichloromethane	9.646	83	134252	25.019	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141727	24.194	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	119567	50.213	ug/L	97
42) Toluene	10.390	91	418249	23.906	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	125729	24.047	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	83769	26.525	ug/L	97
46) Tetrachloroethene	10.865	164	70601	21.882	ug/L	85
48) 2-Hexanone	10.969	43	77596	48.772	ug/L	99
49) Dibromochloromethane	11.128	129	100979	26.566	ug/L	91
50) 1,2-Dibromoethane	11.237	107	80374	25.345	ug/L	97
51) Chlorobenzene	11.658	112	288133	24.981	ug/L	98
52) Ethylbenzene	11.731	91	475584	24.434	ug/L	99
53) m,p-Xylene	11.835	106	204089	26.611	ug/L	98
54) o-Xylene	12.164	106	196634	26.718	ug/L	94
55) Styrene	12.182	104	340628	27.238	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	118226	29.971	ug/L	95
59) Bromoform	12.347	173	59390	25.869	ug/L	99
60) Isopropylbenzene	12.463	105	559379	25.205	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	84141	25.994	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	300631	24.349	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	457026	24.652	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	241189	24.341	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	256704	25.082	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	236237	26.054	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15981	22.590	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	143495	21.817	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	123453	23.334	ug/L	100
71) Naphthalene	15.359	128	289368	25.164	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	113842	24.277	ug/L	99

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

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