

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023118.D
 Acq On : 18 May 2022 09:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

Quant Time: May 19 01:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 03:02:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	326161	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182729	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	168814	25.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.920%	
7) Chloroethane-d5	2.879	69	117463	26.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.920%	
11) 1,1-Dichloroethene-d2	4.013	63	211461	24.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.840%	
21) 2-Butanone-d5	7.074	46	63482	49.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.800%	
24) Chloroform-d	7.647	84	261818	27.399	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.600%	
26) 1,2-Dichloroethane-d4	8.305	65	141299	26.961	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.840%	
32) Benzene-d6	8.269	84	505090	27.367	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.480%	
36) 1,2-Dichloropropane-d6	9.268	67	143008	27.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.320%	
41) Toluene-d8	10.323	98	498785	27.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.920%	
43) trans-1,3-Dichloroprop...	10.573	79	65151	27.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.160%	
47) 2-Hexanone-d5	10.921	63	50733	51.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.520%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131528	27.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.880%	
66) 1,2-Dichlorobenzene-d4	13.853	152	175836	27.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	40029	22.513	ug/L	94
3) Chloromethane	2.215	50	82679	24.064	ug/L	98
5) Vinyl chloride	2.355	62	148987	21.607	ug/L	98
6) Bromomethane	2.770	94	89658	20.252	ug/L	96
8) Chloroethane	2.916	64	75857	22.809	ug/L	99
9) Trichlorofluoromethane	3.251	101	69067	21.915	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	111487	23.658	ug/L	96
12) 1,1-Dichloroethene	4.038	96	92926	22.245	ug/L	95
13) Acetone	4.123	43	42966	45.106	ug/L	98
14) Carbon disulfide	4.379	76	194850	17.014	ug/L	99
15) Methyl Acetate	4.666	43	42313	22.111	ug/L	99
16) Methylene chloride	4.916	84	103811	21.752	ug/L	94
17) trans-1,2-Dichloroethene	5.422	96	102676	21.841	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	179443	25.005	ug/L	100
19) 1,1-Dichloroethane	6.208	63	191411	24.024	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	120797	23.924	ug/L #	98
22) 2-Butanone	7.165	43	59393	44.585	ug/L	97
23) Bromochloromethane	7.513	128	55757	23.579	ug/L	86
25) Chloroform	7.671	83	220274	25.003	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	138607	23.602	ug/L	99
29) Cyclohexane	7.952	56	149194	21.544	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	187547	24.785	ug/L	99
31) Carbon tetrachloride	8.067	117	171888	24.283	ug/L	98
33) Benzene	8.323	78	438646	23.254	ug/L	100
34) Trichloroethene	9.092	95	121263	23.375	ug/L	97
35) Methylcyclohexane	9.336	83	183442	21.525	ug/L	98
37) 1,2-Dichloropropane	9.366	63	108854	23.846	ug/L	99
38) Bromodichloromethane	9.640	83	160299	24.723	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	177151	25.028	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	128068	44.511	ug/L	96
42) Toluene	10.384	91	507653	24.014	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	160755	25.445	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	95273	24.966	ug/L	98
46) Tetrachloroethene	10.860	164	89743	23.019	ug/L	89
48) 2-Hexanone	10.963	43	90650	47.154	ug/L	96
49) Dibromochloromethane	11.128	129	116990	25.472	ug/L	99
50) 1,2-Dibromoethane	11.232	107	92572	24.159	ug/L	97
51) Chlorobenzene	11.652	112	347201	24.912	ug/L	99
52) Ethylbenzene	11.725	91	582139	24.752	ug/L	100
53) m,p-Xylene	11.841	106	229321	24.746	ug/L	94
54) o-Xylene	12.164	106	231812	26.068	ug/L	94
55) Styrene	12.176	104	388076	25.682	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115608	24.255	ug/L	95
59) Bromoform	12.347	173	62878	24.281	ug/L	100
60) Isopropylbenzene	12.463	105	628418	25.104	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81546	22.335	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	347066	24.921	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	524417	25.078	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	283778	25.391	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	280271	24.278	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	249453	24.391	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18042	22.611	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	187357	25.254	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	156301	26.191	ug/L	97
71) Naphthalene	15.359	128	320836	24.735	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	129330	24.451	ug/L	95

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

