

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070522\
 Data File : VW023565.D
 Acq On : 05 Jul 2022 11:56
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: Jul 05 23:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 05 23:57:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	342762	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	332061	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180490	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	155178	31.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.600%	
7) Chloroethane-d5	2.879	69	83400	24.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 98.800%	
11) 1,1-Dichloroethene-d2	4.019	63	174761	28.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.240%#	
21) 2-Butanone-d5	7.080	46	59180	48.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.380%	
24) Chloroform-d	7.647	84	254691	27.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.880%	
26) 1,2-Dichloroethane-d4	8.305	65	137137	26.541	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.160%	
32) Benzene-d6	8.275	84	483267	26.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.680%	
36) 1,2-Dichloropropane-d6	9.268	67	138930	26.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.680%	
41) Toluene-d8	10.323	98	465876	26.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.720%	
43) trans-1,3-Dichloroprop...	10.579	79	60022	25.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.120%	
47) 2-Hexanone-d5	10.921	63	49593	49.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.500%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129688	25.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.800%	
66) 1,2-Dichlorobenzene-d4	13.847	152	172368	26.185	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	37719	28.478	ug/L	90
3) Chloromethane	2.215	50	107789	26.290	ug/L	99
5) Vinyl chloride	2.361	62	182154	32.988	ug/L	97
6) Bromomethane	2.776	94	75509	20.733	ug/L	100
8) Chloroethane	2.922	64	60000	24.175	ug/L	97
9) Trichlorofluoromethane	3.245	101	54137	21.164	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	115249	27.834	ug/L	99
12) 1,1-Dichloroethene	4.032	96	97364	28.266	ug/L	93
13) Acetone	4.123	43	36553	43.219	ug/L	99
14) Carbon disulfide	4.385	76	298536	32.132	ug/L	96
15) Methyl Acetate	4.672	43	46355	23.923	ug/L	99
16) Methylene chloride	4.916	84	108613	22.214	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	115546	26.580	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	160993	25.253	ug/L	99
19) 1,1-Dichloroethane	6.208	63	203185	26.502	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	124460	26.272	ug/L	96
22) 2-Butanone	7.171	43	63326	45.797	ug/L	98
23) Bromochloromethane	7.507	128	61181	26.093	ug/L	97
25) Chloroform	7.677	83	231359	27.034	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	149367	26.399	ug/L	98
29) Cyclohexane	7.952	56	173132	27.575	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	185974	25.822	ug/L	99
31) Carbon tetrachloride	8.067	117	171705	26.373	ug/L	100
33) Benzene	8.323	78	490009	26.230	ug/L	100
34) Trichloroethene	9.092	95	128704	25.714	ug/L	97
35) Methylcyclohexane	9.336	83	214117	27.187	ug/L	100
37) 1,2-Dichloropropane	9.366	63	118004	26.114	ug/L	99
38) Bromodichloromethane	9.640	83	164203	25.381	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	184152	26.318	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	144126	48.666	ug/L	99
42) Toluene	10.384	91	553094	26.767	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	168302	26.024	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	97693	25.427	ug/L	96
46) Tetrachloroethene	10.860	164	98782	24.539	ug/L	98
48) 2-Hexanone	10.963	43	101448	49.873	ug/L	100
49) Dibromochloromethane	11.128	129	118543	25.250	ug/L	98
50) 1,2-Dibromoethane	11.232	107	95309	24.895	ug/L	94
51) Chlorobenzene	11.652	112	362162	25.614	ug/L	97
52) Ethylbenzene	11.725	91	616361	26.743	ug/L	99
53) m,p-Xylene	11.835	106	246421	27.194	ug/L	96
54) o-Xylene	12.164	106	234871	27.442	ug/L	93
55) Styrene	12.176	104	415921	27.805	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	123334	24.959	ug/L	98
59) Bromoform	12.347	173	64802	24.198	ug/L	98
60) Isopropylbenzene	12.463	105	626451	26.310	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	86593	23.818	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	532115	26.899	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	534272	26.913	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	283845	24.804	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	286980	24.727	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	267298	25.775	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.475	75	18928	22.765	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	185177	24.236	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	149443	24.237	ug/L	98
71) Naphthalene	15.359	128	308102	24.084	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	131474	23.362	ug/L	97

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

