

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061422\
 Data File : VW023482.D
 Acq On : 14 Jun 2022 09:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Jun 15 02:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 14 01:31:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	378550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	204895	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137049	22.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
7) Chloroethane-d5	2.886	69	96084	21.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.019	63	199715	23.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.160%
21) 2-Butanone-d5	7.080	46	62094	50.569	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.140%
24) Chloroform-d	7.653	84	247271	23.729	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	8.305	65	127554	22.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.920%
32) Benzene-d6	8.275	84	449111	23.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	9.275	67	135369	23.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	441802	23.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.840%
43) trans-1,3-Dichloroprop...	10.579	79	60047	22.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.921	63	49820	54.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	134164	25.020	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	167747	22.679	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	43886	31.795	ug/L	88
3) Chloromethane	2.215	50	128850	28.220	ug/L	98
5) Vinyl chloride	2.361	62	193729	27.224	ug/L	98
6) Bromomethane	2.782	94	95984	23.832	ug/L	97
8) Chloroethane	2.922	64	96176	25.513	ug/L	94
9) Trichlorofluoromethane	2.357	101	93124	29.016	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	130232	28.146	ug/L	96
12) 1,1-Dichloroethene	4.038	96	111361	27.017	ug/L	97
13) Acetone	4.117	43	51251	57.932	ug/L	99
14) Carbon disulfide	4.385	76	325477	25.669	ug/L	100
15) Methyl Acetate	4.672	43	53168	26.919	ug/L	99
16) Methylene chloride	4.916	84	130159	25.406	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	128879	26.408	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	199259	27.128	ug/L	98
19) 1,1-Dichloroethane	6.214	63	228084	26.092	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	140741	26.371	ug/L #	97
22) 2-Butanone	7.171	43	75094	55.457	ug/L	99
23) Bromochloromethane	7.513	128	67417	27.420	ug/L	92
25) Chloroform	7.677	83	255716	25.922	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	168597	25.842	ug/L	98
29) Cyclohexane	7.958	56	195208	26.370	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	221011	25.979	ug/L	99
31) Carbon tetrachloride	8.074	117	203658	25.985	ug/L	99
33) Benzene	8.324	78	548796	25.849	ug/L	100
34) Trichloroethene	9.092	95	145521	25.572	ug/L	98
35) Methylcyclohexane	9.336	83	238924	25.934	ug/L	98
37) 1,2-Dichloropropane	9.366	63	138047	26.607	ug/L	100
38) Bromodichloromethane	9.640	83	189405	25.955	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	211072	26.547	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	166433	56.241	ug/L	99
42) Toluene	10.390	91	628398	26.491	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	191226	26.654	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	111436	26.147	ug/L	98
46) Tetrachloroethene	10.860	164	115583	26.310	ug/L	88
48) 2-Hexanone	10.969	43	116260	58.132	ug/L	98
49) Dibromochloromethane	11.128	129	134272	26.901	ug/L	98
50) 1,2-Dibromoethane	11.232	107	109407	27.461	ug/L	98
51) Chlorobenzene	11.658	112	410671	25.653	ug/L	99
52) Ethylbenzene	11.731	91	695913	25.813	ug/L	100
53) m,p-Xylene	11.841	106	278929	26.583	ug/L	98
54) o-Xylene	12.164	106	269357	26.863	ug/L	100
55) Styrene	12.183	104	466357	26.750	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	140303	27.108	ug/L	97
59) Bromoform	12.347	173	74068	25.431	ug/L	98
60) Isopropylbenzene	12.463	105	750721	25.597	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	99873	25.617	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	621411	25.907	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	616061	25.665	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	327042	25.136	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	333375	25.093	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	307135	25.772	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	22061	25.627	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	225054	26.472	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	176331	26.636	ug/L	96
71) Naphthalene	15.359	128	368643	28.307	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	149605	25.995	ug/L	93

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

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