

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023584.D
 Acq On : 07 Jul 2022 19:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

Quant Time: Jul 08 01:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 01:46:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	300192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	300398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158708	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	142460	26.216	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 104.880%		
7) Chloroethane-d5	2.879	69	85954	27.657	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 110.640%		
11) 1,1-Dichloroethene-d2	4.019	63	148682	24.269	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 97.080%		
21) 2-Butanone-d5	7.080	46	59816	53.007	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 106.020%		
24) Chloroform-d	7.647	84	215785	25.236	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 100.960%		
26) 1,2-Dichloroethane-d4	8.305	65	124288	25.717	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 102.880%		
32) Benzene-d6	8.275	84	405016	24.368	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 97.480%		
36) 1,2-Dichloropropane-d6	9.275	67	121947	25.060	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 100.240%		
41) Toluene-d8	10.323	98	397933	24.700	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 98.800%		
43) trans-1,3-Dichloroprop...	10.579	79	52254	24.056	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 96.240%		
47) 2-Hexanone-d5	10.921	63	50322	52.874	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 105.740%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121883	25.247	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 101.000%		
66) 1,2-Dichlorobenzene-d4	13.853	152	147258	25.718	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 102.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	54781	30.509	ug/L	99
3) Chloromethane	2.215	50	102930	24.753	ug/L	97
5) Vinyl chloride	2.355	62	176931	26.174	ug/L	99
6) Bromomethane	2.770	94	96747	24.791	ug/L	100
8) Chloroethane	2.916	64	70120	27.456	ug/L	91
9) Trichlorofluoromethane	3.245	101	55725	20.663	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	100682	23.517	ug/L	99
12) 1,1-Dichloroethene	4.038	96	87616	24.544	ug/L	94
13) Acetone	4.129	43	38709	46.544	ug/L	77
14) Carbon disulfide	4.385	76	250453	23.565	ug/L	97
15) Methyl Acetate	4.672	43	50379	25.808	ug/L	95
16) Methylene chloride	4.922	84	112641	22.126	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	103919	24.185	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	166118	26.185	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	189372	25.125	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	116597	24.776	ug/L	99
22) 2-Butanone	7.177	43	70751	47.412	ug/L	98
23) Bromochloromethane	7.513	128	58276	24.886	ug/L	96
25) Chloroform	7.677	83	218010	25.465	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	150466	25.970	ug/L	100
29) Cyclohexane	7.958	56	148517	23.766	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	168522	23.596	ug/L	99
31) Carbon tetrachloride	8.067	117	152786	23.091	ug/L	99
33) Benzene	8.323	78	457783	24.269	ug/L	100
34) Trichloroethene	9.092	95	117027	23.804	ug/L	94
35) Methylcyclohexane	9.335	83	182150	23.030	ug/L	99
37) 1,2-Dichloropropane	9.366	63	113323	24.850	ug/L	99
38) Bromodichloromethane	9.646	83	164334	25.523	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	168584	24.235	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	164597	54.215	ug/L	98
42) Toluene	10.384	91	512864	24.919	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	154642	24.111	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	101648	25.895	ug/L	96
46) Tetrachloroethene	10.860	164	89149	23.069	ug/L	90
48) 2-Hexanone	10.969	43	116634	54.224	ug/L	98
49) Dibromochloromethane	11.128	129	116602	24.953	ug/L	96
50) 1,2-Dibromoethane	11.231	107	99522	25.682	ug/L	96
51) Chlorobenzene	11.658	112	343899	24.542	ug/L	98
52) Ethylbenzene	11.731	91	562591	24.211	ug/L	99
53) m,p-Xylene	11.835	106	226945	25.175	ug/L	96
54) o-Xylene	12.164	106	219633	25.442	ug/L	97
55) Styrene	12.176	104	399392	26.604	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	131917	26.118	ug/L	99
59) Bromoform	12.347	173	64620	24.341	ug/L	97
60) Isopropylbenzene	12.463	105	577062	25.159	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	93582	25.938	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	487868	25.649	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	495884	26.062	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	264841	24.410	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	262768	23.879	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	254283	25.415	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	21626	25.436	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	158527	22.519	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	133237	23.424	ug/L	98
71) Naphthalene	15.365	128	313404	25.525	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	125848	23.868	ug/L	99

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

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