

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051821\
 Data File : VW019011.D
 Acq On : 18 May 2021 10:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025119

Quant Time: May 19 01:12:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 18 01:12:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	626017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	561780	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	284233	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	184293	28.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.72%			
7) Chloroethane-d5	2.898	69	158801	25.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	4.025	63	387101	26.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 106.48%			
21) 2-Butanone-d5	7.086	46	87427	52.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.22%			
24) Chloroform-d	7.647	84	426696	26.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.52%			
26) 1,2-Dichloroethane-d4	8.305	65	216641	26.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.08%			
32) Benzene-d6	8.275	84	832761	26.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	9.274	67	245612	26.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.88%			
41) Toluene-d8	10.323	98	786593	26.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.04%			
43) trans-1,3-Dichloroprop...	10.579	79	107841	27.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.16%			
47) 2-Hexanone-d5	10.920	63	73133	53.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.62%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	188195	26.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.88%			
66) 1,2-Dichlorobenzene-d4	13.853	152	257214	26.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.76%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	165955	25.95	ug/L	98
3) Chloromethane	2.221	50	146010	22.80	ug/L	99
5) Vinyl chloride	2.367	62	240919	29.36	ug/L	98
6) Bromomethane	2.788	94	169599	24.91	ug/L	100
8) Chloroethane	2.934	64	149416	26.00	ug/L	98
9) Trichlorofluoromethane	3.263	101	148978	24.81	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	209880	25.38	ug/L	96
12) 1,1-Dichloroethene	4.044	96	206980	25.66	ug/L	92
13) Acetone	4.135	43	63292	44.52	ug/L	94
14) Carbon disulfide	4.391	76	613502	27.17	ug/L	100
15) Methyl Acetate	4.678	43	67442	22.93	ug/L	97
16) Methylene chloride	4.922	84	204614	19.48	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	215950	24.38	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	249608	23.48	ug/L	97
19) 1,1-Dichloroethane	6.220	63	383797	24.92	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	223130	24.07	ug/L	96
22) 2-Butanone	7.171	43	88607	45.23	ug/L	97
23) Bromochloromethane	7.519	128	94108	23.57	ug/L	91
25) Chloroform	7.677	83	388806	24.59	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	241031	24.33	ug/L	98
29) Cyclohexane	7.958	56	354251	26.40	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	309815	25.31	ug/L	99
31) Carbon tetrachloride	8.067	117	290749	26.09	ug/L	100
33) Benzene	8.323	78	864877	25.16	ug/L	100
34) Trichloroethene	9.092	95	228107	25.01	ug/L	95
35) Methylcyclohexane	9.335	83	408345	25.76	ug/L	99
37) 1,2-Dichloropropane	9.372	63	206179	24.90	ug/L	98
38) Bromodichloromethane	9.646	83	269340	24.97	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	316992	25.51	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	199842	46.55	ug/L	95
42) Toluene	10.390	91	939434	24.84	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	273354	25.26	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	143855	23.74	ug/L	98
46) Tetrachloroethene	10.866	164	178254	24.58	ug/L	96
48) 2-Hexanone	10.969	43	139189	49.84	ug/L	95
49) Dibromochloromethane	11.128	129	168026	24.64	ug/L	97
50) 1,2-Dibromoethane	11.238	107	136457	24.12	ug/L	100
51) Chlorobenzene	11.658	112	563573	24.10	ug/L	98
52) Ethylbenzene	11.731	91	1038623	24.73	ug/L	100
53) m,p-Xylene	11.841	106	390115	24.75	ug/L	100
54) o-Xylene	12.164	106	363154	24.51	ug/L	96
55) Styrene	12.182	104	631372	25.06	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	168125	24.11	ug/L	98
59) Bromoform	12.347	173	91536	24.87	ug/L	98
60) Isopropylbenzene	12.463	105	1042958	25.19	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	123256	24.00	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	869304	25.95	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	855569	25.30	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	442585	24.64	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	430999	24.04	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	389409	24.61	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24993	22.76	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	330121	25.15	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	253643	24.25	ug/L	99
71) Naphthalene	15.365	128	467324	24.68	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	219135	23.81	ug/L	97

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

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