

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051721\
 Data File : VW019009.D
 Acq On : 17 May 2021 12:23
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025118

Quant Time: May 18 01:13:07 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	8.841	114	627719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	558147	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	293212	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	163012	25.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.08%			
7) Chloroethane-d5	2.891	69	137452	22.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.28%			
11) 1,1-Dichloroethene-d2	4.025	63	350607	24.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.16%			
21) 2-Butanone-d5	7.079	46	86128	51.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.40%			
24) Chloroform-d	7.646	84	374171	23.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.16%			
26) 1,2-Dichloroethane-d4	8.305	65	194365	23.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.12%			
32) Benzene-d6	8.274	84	718498	23.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.24%			
36) 1,2-Dichloropropane-d6	9.274	67	217596	23.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.28%			
41) Toluene-d8	10.323	98	689954	23.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.52%			
43) trans-1,3-Dichloroprop...	10.579	79	96878	24.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.72%			
47) 2-Hexanone-d5	10.920	63	74468	55.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.30%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	175255	25.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.20%			
66) 1,2-Dichlorobenzene-d4	13.853	152	223547	22.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	163927	25.56	ug/L	98
3) Chloromethane	2.214	50	146010	22.74	ug/L	98
5) Vinyl chloride	2.367	62	235751	28.65	ug/L	99
6) Bromomethane	2.788	94	164492	24.10	ug/L	98
8) Chloroethane	2.928	64	145754	25.29	ug/L	100
9) Trichlorofluoromethane	3.263	101	144552	24.01	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	205635	24.80	ug/L	96
12) 1,1-Dichloroethene	4.049	96	207154	25.61	ug/L	92
13) Acetone	4.129	43	84208	59.07	ug/L	92
14) Carbon disulfide	4.391	76	616758	27.24	ug/L	99
15) Methyl Acetate	4.671	43	77257	26.19	ug/L	98
16) Methylene chloride	4.915	84	214817	20.39	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	217682	24.51	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	262104	24.59	ug/L	98
19) 1,1-Dichloroethane	6.220	63	387103	25.07	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	226623	24.38	ug/L	99
22) 2-Butanone	7.171	43	106255	54.09	ug/L	99
23) Bromochloromethane	7.512	128	96184	24.03	ug/L	95
25) Chloroform	7.677	83	391959	24.72	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	247015	24.87	ug/L	98
29) Cyclohexane	7.957	56	354419	26.59	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	306694	25.22	ug/L	100
31) Carbon tetrachloride	8.073	117	289928	26.19	ug/L	99
33) Benzene	8.323	78	870411	25.49	ug/L	100
34) Trichloroethene	9.091	95	227569	25.11	ug/L	94
35) Methylcyclohexane	9.335	83	406780	25.83	ug/L	99
37) 1,2-Dichloropropane	9.372	63	206236	25.07	ug/L	99
38) Bromodichloromethane	9.646	83	271728	25.36	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	324670	26.30	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	224710	52.68	ug/L	95
42) Toluene	10.390	91	952114	25.34	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	283629	26.38	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	151325	25.14	ug/L	98
46) Tetrachloroethene	10.865	164	179467	24.90	ug/L	99
48) 2-Hexanone	10.969	43	166005	59.83	ug/L	95
49) Dibromochloromethane	11.127	129	175332	25.88	ug/L	94
50) 1,2-Dibromoethane	11.237	107	144858	25.77	ug/L	95
51) Chlorobenzene	11.658	112	578617	24.90	ug/L	99
52) Ethylbenzene	11.731	91	1055895	25.31	ug/L	98
53) m,p-Xylene	11.841	106	391561	25.00	ug/L	92
54) o-Xylene	12.164	106	372177	25.29	ug/L	99
55) Styrene	12.182	104	638876	25.52	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	181389	26.18	ug/L	97
59) Bromoform	12.347	173	91494	24.10	ug/L	95
60) Isopropylbenzene	12.463	105	1036676	24.27	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	133148	25.13	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	873359	25.28	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	860274	24.66	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	440297	23.76	ug/L	87
65) 1,4-Dichlorobenzene	13.578	146	451419	24.41	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	389425	23.85	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	28890	25.51	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	322521	23.82	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	267062	24.75	ug/L	98
71) Naphthalene	15.365	128	509673	26.09	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	225395	23.74	ug/L	98

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

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