

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041221\
 Data File : VW018618.D
 Acq On : 12 Apr 2021 12:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025114

Quant Time: Apr 17 04:21:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 17 03:19:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	464306	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	432072	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	226780	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128882	17.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.08%			
7) Chloroethane-d5	2.891	69	115215	19.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.20%			
11) 1,1-Dichloroethene-d2	4.025	63	229679	19.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.16%			
21) 2-Butanone-d5	7.074	46	66935	43.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.04%			
24) Chloroform-d	7.647	84	280818	23.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.08%			
26) 1,2-Dichloroethane-d4	8.305	65	153312	20.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.64%			
32) Benzene-d6	8.275	84	494877	21.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.36%			
36) 1,2-Dichloropropane-d6	9.274	67	151924	23.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.04%			
41) Toluene-d8	10.323	98	477279	21.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.84%			
43) trans-1,3-Dichloroprop...	10.579	79	68952	20.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.92%			
47) 2-Hexanone-d5	10.927	63	55021	42.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.14%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	140504	22.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.04%			
66) 1,2-Dichlorobenzene-d4	13.853	152	182708	23.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	109588	21.14	ug/L	93
3) Chloromethane	2.215	50	145332	22.43	ug/L	98
5) Vinyl chloride	2.367	62	224370	22.86	ug/L	99
6) Bromomethane	2.782	94	151503	21.78	ug/L	100
8) Chloroethane	2.928	64	136442	23.81	ug/L	99
9) Trichlorofluoromethane	3.263	101	114170	26.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	160842	25.80	ug/L	96
12) 1,1-Dichloroethene	4.044	96	153110	24.56	ug/L	93
13) Acetone	4.123	43	44354	40.42	ug/L	90
14) Carbon disulfide	4.385	76	431429	22.99	ug/L	99
15) Methyl Acetate	4.666	43	56727	20.52	ug/L	98
16) Methylene chloride	4.915	84	159141	22.90	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	166816	24.69	ug/L	93
18) Methyl tert-butyl Ether	5.421	73	203169	23.65	ug/L	97
19) 1,1-Dichloroethane	6.214	63	292011	25.27	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	179629	25.32	ug/L	97
22) 2-Butanone	7.165	43	75387	42.72	ug/L	95
23) Bromochloromethane	7.513	128	79887	24.17	ug/L	88
25) Chloroform	7.677	83	318799	25.41	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	210183	23.44	ug/L	99
29) Cyclohexane	7.958	56	248731	24.88	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	261999	26.89	ug/L	99
31) Carbon tetrachloride	8.061	117	248170	26.80	ug/L	98
33) Benzene	8.323	78	670450	26.00	ug/L	100
34) Trichloroethene	9.092	95	185374	26.01	ug/L	94
35) Methylcyclohexane	9.335	83	301852	25.02	ug/L	99
37) 1,2-Dichloropropane	9.372	63	162801	26.41	ug/L	99
38) Bromodichloromethane	9.640	83	232191	26.22	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	257153	25.39	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	181017	45.01	ug/L	98
42) Toluene	10.390	91	773675	26.42	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	224139	23.81	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	124774	24.07	ug/L	95
46) Tetrachloroethene	10.860	164	141077	26.26	ug/L	93
48) 2-Hexanone	10.969	43	122821	42.87	ug/L	98
49) Dibromochloromethane	11.128	129	151959	24.92	ug/L	96
50) 1,2-Dibromoethane	11.231	107	122648	23.28	ug/L	99
51) Chlorobenzene	11.658	112	483546	25.74	ug/L	96
52) Ethylbenzene	11.731	91	852243	25.71	ug/L	98
53) m,p-Xylene	11.841	106	324571	26.34	ug/L	99
54) o-Xylene	12.164	106	306976	25.61	ug/L	88
55) Styrene	12.182	104	523690	25.47	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	148709	22.59	ug/L	98
59) Bromoform	12.347	173	83976	23.80	ug/L	99
60) Isopropylbenzene	12.463	105	859490	26.65	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	108935	22.35	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	715186	26.29	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	727098	26.48	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	371360	25.97	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	368870	25.27	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	336504	25.50	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24134	20.57	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	263585	25.27	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	211330	24.04	ug/L	99
71) Naphthalene	15.365	128	412077	22.11	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	183089	23.22	ug/L	97

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

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