

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012221\
 Data File : VW017979.D
 Acq On : 22 Jan 2021 15:33
 Operator : SY/VA
 Sample : VSTD05001
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050101

Quant Time: Jan 22 16:03:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM012221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 22 15:59:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	370702	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	351700	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	178853	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	301544	47.70	ug/L	0.00
7) Chloroethane-d5	2.885	69	261172	47.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	516181	48.58	ug/L	0.00
21) 2-Butanone-d5	7.080	46	147657	90.53	ug/L	0.00
24) Chloroform-d	7.647	84	542885	51.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	302178	49.15	ug/L	0.00
32) Benzene-d6	8.275	84	1035870	50.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	297357	50.29	ug/L	0.00
41) Toluene-d8	10.323	98	987570	49.87	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	140001	50.77	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	107323	96.85	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	276357	48.55	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	343891	52.09	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	218246	48.24	ug/L	93
3) Chloromethane	2.209	50	209794	53.37	ug/L	99
5) Vinyl chloride	2.361	62	323071	50.01	ug/L	99
6) Bromomethane	2.776	94	267826	47.12	ug/L	100
8) Chloroethane	2.922	64	211144	49.82	ug/L	98
9) Trichlorofluoromethane	3.257	101	227828	52.09	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	254182	50.14	ug/L	99
12) 1,1-Dichloroethene	4.044	96	242204	50.72	ug/L	91
13) Acetone	4.123	43	89604	81.68	ug/L	94
14) Carbon disulfide	4.385	76	740610	54.15	ug/L	100
15) Methyl Acetate	4.665	43	121116	50.65	ug/L	97
16) Methylene chloride	4.915	84	254559	42.67	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	264804	51.62	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	318449	49.58	ug/L	99
19) 1,1-Dichloroethane	6.214	63	462386	51.28	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	286184	52.44	ug/L	95
22) 2-Butanone	7.171	43	154250	84.44	ug/L	98
23) Bromochloromethane	7.513	128	129877	51.85	ug/L	96
25) Chloroform	7.677	83	492996	51.34	ug/L	99
27) 1,2-Dichloroethane	8.397	62	339525	49.84	ug/L	98
29) Cyclohexane	7.952	56	417358	50.35	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	402806	49.49	ug/L	98
31) Carbon tetrachloride	8.067	117	384033	50.51	ug/L	99
33) Benzene	8.323	78	1044451	50.38	ug/L	100
34) Trichloroethene	9.092	95	285922	50.82	ug/L	94
35) Methylcyclohexane	9.335	83	469428	48.78	ug/L	99
37) 1,2-Dichloropropane	9.366	63	256399	51.38	ug/L	99
38) Bromodichloromethane	9.646	83	364157	51.83	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	423320	53.54	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	347402	96.74	ug/L	99
42) Toluene	10.390	91	1169324	50.26	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	375570	52.70	ug/L	98

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

45) 1,1,2-Trichloroethane	10.786	97	208019	49.54	ug/L	98
46) Tetrachloroethene	10.866	164	213844	49.60	ug/L	96
48) 2-Hexanone	10.969	43	240967	96.01	ug/L	99
49) Dibromochloromethane	11.128	129	252467	52.48	ug/L	95
50) 1,2-Dibromoethane	11.231	107	210975	50.76	ug/L	94
51) Chlorobenzene	11.658	112	748289	50.39	ug/L	97
52) Ethylbenzene	11.731	91	1321935	50.05	ug/L	97
53) m,p-Xylene	11.841	106	509222	49.70	ug/L	99
54) o-Xylene	12.164	106	481067	50.04	ug/L	97
55) Styrene	12.182	104	841760	50.90	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	261107	48.01	ug/L	99
59) Bromoform	12.353	173	143888	54.29	ug/L	99
60) Isopropylbenzene	12.463	105	1299746	49.89	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	192425	48.51	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	1103214	53.22	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1111426	52.93	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	569178	50.84	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	566321	50.75	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	532744	52.75	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.487	75	43430	46.30	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	400965	53.20	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	325116	50.13	ug/L	99
71) Naphthalene	15.365	128	747190	49.69	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	290251	50.03	ug/L	99

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

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