

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019392.D
 Acq On : 09 Jul 2021 11:59
 Operator : SY/VA
 Sample : VSTD05021
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050421

Quant Time: Jul 09 12:21:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 09 11:57:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	500368	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	472153	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	236639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	364295	52.844	ug/L	0.00
7) Chloroethane-d5	2.897	69	255952	49.310	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	679851	49.590	ug/L	0.00
21) 2-Butanone-d5	7.086	46	210608	122.548	ug/L	0.00
24) Chloroform-d	7.653	84	667858	47.553	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	365772	50.079	ug/L	0.00
32) Benzene-d6	8.280	84	1362909	46.862	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	422089	47.260	ug/L	0.00
41) Toluene-d8	10.323	98	1242848	47.345	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	192374	53.587	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	176431	122.521	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	346115	51.999	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	417830	48.441	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	283117	46.366	ug/L	92
3) Chloromethane	2.221	50	301174	48.236	ug/L	96
5) Vinyl chloride	2.373	62	417654	48.347	ug/L	98
6) Bromomethane	2.788	94	226555	47.274	ug/L	99
8) Chloroethane	2.934	64	230273	48.968	ug/L	99
9) Trichlorofluoromethane	3.263	101	257747	53.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	326923	48.569	ug/L	96
12) 1,1-Dichloroethene	4.056	96	330485	48.691	ug/L	99
13) Acetone	4.135	43	141258	126.031	ug/L	89
14) Carbon disulfide	4.397	76	1072115	49.975	ug/L	99
15) Methyl Acetate	4.677	43	176553	60.207	ug/L	99
16) Methylene chloride	4.927	84	380628	42.549	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	364093	49.745	ug/L	97
18) Methyl tert-butyl Ether	5.433	73	501625	54.826	ug/L	95
19) 1,1-Dichloroethane	6.220	63	656089	49.668	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	387241	50.196	ug/L	96
22) 2-Butanone	7.177	43	237775	128.832	ug/L	96
23) Bromochloromethane	7.518	128	170758	50.496	ug/L	90
25) Chloroform	7.683	83	640615	48.842	ug/L	100
27) 1,2-Dichloroethane	8.402	62	436463	52.031	ug/L	98
29) Cyclohexane	7.957	56	629588	49.790	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	484208	48.022	ug/L	99
31) Carbon tetrachloride	8.073	117	450071	47.557	ug/L	99
33) Benzene	8.323	78	1467705	47.639	ug/L	100
34) Trichloroethene	9.091	95	372893	47.299	ug/L	93
35) Methylcyclohexane	9.341	83	680745	48.879	ug/L	96
37) 1,2-Dichloropropane	9.372	63	368482	48.411	ug/L	99
38) Bromodichloromethane	9.646	83	471931	50.253	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	601038	52.731	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	501116	121.641	ug/L	97
42) Toluene	10.390	91	1556202	48.424	ug/L	92
44) trans-1,3-Dichloropropene	10.609	75	534032	54.540	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	283010	52.038	ug/L	98
46) Tetrachloroethene	10.865	164	275772	45.805	ug/L	98
48) 2-Hexanone	10.969	43	345036	121.989	ug/L	94
49) Dibromochloromethane	11.128	129	314861	52.443	ug/L	99
50) 1,2-Dibromoethane	11.237	107	274270	52.939	ug/L	100
51) Chlorobenzene	11.658	112	949732	47.192	ug/L	97
52) Ethylbenzene	11.731	91	1702480	48.586	ug/L	99
53) m,p-Xylene	11.841	106	654891	49.440	ug/L	96
54) o-Xylene	12.164	106	631010	49.797	ug/L	95
55) Styrene	12.182	104	1083876	50.449	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	350651	54.034	ug/L	99
59) Bromoform	12.353	173	180172	54.565	ug/L	98
60) Isopropylbenzene	12.463	105	1657649	49.034	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	265081	54.827	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	1431137	50.629	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1432494	50.910	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	748085	49.460	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	727241	48.774	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	670555	50.243	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	60048	58.113	ug/L	97
69) 1,3,5-Trichlorobenzene	14.633	180	541114	49.030	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	456352	50.471	ug/L	97
71) Naphthalene	15.365	128	1002071	57.300	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	427109	54.139	ug/L	94

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

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