

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060221\
 Data File : VW019098.D
 Acq On : 02 Jun 2021 12:17
 Operator : SY/VA
 Sample : VSTD10004
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100104

Quant Time: Jun 02 12:36:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 02 12:07:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	654377	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	620424	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	312292	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	816305	92.14	ug/L	0.00
7) Chloroethane-d5	2.892	69	748450	101.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	1650341	93.74	ug/L	0.00
21) 2-Butanone-d5	7.086	46	444618	196.58	ug/L	0.00
24) Chloroform-d	7.653	84	1669861	94.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	921320	93.26	ug/L	0.00
32) Benzene-d6	8.275	84	3269698	93.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	999132	94.47	ug/L	0.00
41) Toluene-d8	10.329	98	3088479	94.83	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	469289	97.86	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	380439	202.54	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	847005	95.95	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	1033316	94.86	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	915825	101.54	ug/L	98
3) Chloromethane	2.221	50	860157	104.17	ug/L	97
5) Vinyl chloride	2.367	62	1147443	91.45	ug/L	97
6) Bromomethane	2.782	94	901092	98.53	ug/L	97
8) Chloroethane	2.928	64	730634	97.94	ug/L	97
9) Trichlorofluoromethane	3.263	101	718498	105.87	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	900579	93.22	ug/L #	72
12) 1,1-Dichloroethene	4.050	96	924827	95.19	ug/L	97
13) Acetone	4.135	43	325846	131.60	ug/L	89
14) Carbon disulfide	4.391	76	2904107	94.61	ug/L	100
15) Methyl Acetate	4.678	43	399742	94.34	ug/L	98
16) Methylene chloride	4.916	84	922743	65.72	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	977497	94.51	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	1261159	93.45	ug/L	98
19) 1,1-Dichloroethane	6.220	63	1733007	93.27	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	1043508	96.77	ug/L	98
22) 2-Butanone	7.177	43	527503	180.76	ug/L	98
23) Bromochloromethane	7.513	128	453793	96.09	ug/L	96
25) Chloroform	7.677	83	1752350	94.13	ug/L	100
27) 1,2-Dichloroethane	8.403	62	1177161	92.50	ug/L	99
29) Cyclohexane	7.958	56	1581857	92.43	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	1352906	91.70	ug/L	100
31) Carbon tetrachloride	8.074	117	1294924	95.16	ug/L	99
33) Benzene	8.323	78	3808657	90.29	ug/L	100
34) Trichloroethene	9.098	95	1018264	92.58	ug/L	93
35) Methylcyclohexane	9.335	83	1802984	93.73	ug/L	99
37) 1,2-Dichloropropane	9.372	63	941195	90.74	ug/L	99
38) Bromodichloromethane	9.646	83	1284394	94.92	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	1603999	98.67	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	1186094	189.14	ug/L	95
42) Toluene	10.390	91	4250073	93.64	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	1432850	99.12	ug/L	98

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45) 1,1,2-Trichloroethane	10.786	97	733767	93.09	ug/L	96
46) Tetrachloroethene	10.866	164	784789	93.92	ug/L	98
48) 2-Hexanone	10.969	43	826412	192.26	ug/L	95
49) Dibromochloromethane	11.128	129	849416	97.51	ug/L	94
50) 1,2-Dibromoethane	11.238	107	729504	97.18	ug/L	99
51) Chlorobenzene	11.658	112	2661737	95.24	ug/L	98
52) Ethylbenzene	11.731	91	4738087	94.61	ug/L	100
53) m,p-Xylene	11.841	106	1799411	96.41	ug/L	99
54) o-Xylene	12.170	106	1749259	98.40	ug/L	94
55) Styrene	12.183	104	3010881	99.47	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	903734	93.23	ug/L	100
59) Bromoform	12.353	173	531244	109.59	ug/L	98
60) Isopropylbenzene	12.463	105	4713919	98.24	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	672677	93.80	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	3901818	99.46	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	3956395	99.94	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	2000263	95.20	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	1973329	92.92	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	1791276	93.83	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	156192	97.50	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	1483896	97.51	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	1185066	92.23	ug/L	96
71) Naphthalene	15.365	128	2561559	99.51	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	1090768	97.09	ug/L	95

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

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