

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021320\
 Data File : VW014974.D
 Acq On : 13 Feb 2020 11:32
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100305

Quant Time: Feb 13 11:57:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 13 11:44:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	787974	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	753990	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	333845	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	1503576	138.86	ug/L	0.00
7) Chloroethane-d5	2.89	69	1157640	122.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	2841686	148.73	ug/L	0.00
21) 2-Butanone-d5	7.07	46	942995	197.79	ug/L	0.00
24) Chloroform-d	7.65	84	2380431	134.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1408339	136.36	ug/L	0.00
32) Benzene-d6	8.27	84	4803861	119.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	1664996	134.18	ug/L	0.00
41) Toluene-d8	10.32	98	4311564	116.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.57	79	702284	112.16	ug/L	0.00
47) 2-Hexanone-d5	10.92	63	734374	171.01	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	1245117	92.47	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	1232097	102.73	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	832203	67.572	ug/L	92
3) Chloromethane	2.22	50	1487128	110.528	ug/L	100
5) Vinyl chloride	2.37	62	1755430	124.012	ug/L	98
6) Bromomethane	2.78	94	824089	100.060	ug/L	97
8) Chloroethane	2.92	64	970931	118.907	ug/L	98
9) Trichlorofluoromethane	3.26	101	752060	45.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1160497	112.503	ug/L	99
12) 1,1-Dichloroethene	4.04	96	1200830	117.992	ug/L	94
13) Acetone	4.12	43	864067	157.052	ug/L	97
14) Carbon disulfide	4.39	76	4174386	121.447	ug/L	100
15) Methyl Acetate	4.67	43	826995	97.266	ug/L	100
16) Methylene chloride	4.92	84	1272356	96.653	ug/L	99
17) trans-1,2-Dichloroethene	5.42	96	1231678	108.077	ug/L	99
18) Methyl tert-butyl Ether	5.42	73	1595706	50.700	ug/L	98
19) 1,1-Dichloroethane	6.21	63	2640607	135.707	ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	1316185	105.148	ug/L	99
22) 2-Butanone	7.17	43	1239321	179.913	ug/L	99
23) Bromochloromethane	7.51	128	497459	89.895	ug/L	97
25) Chloroform	7.67	83	2309443	119.952	ug/L	100
27) 1,2-Dichloroethane	8.40	62	1720199	126.012	ug/L	99
29) Cyclohexane	7.95	56	2769579	131.578	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	1748367	103.359	ug/L	100
31) Carbon tetrachloride	8.07	117	1602847	107.441	ug/L	100
33) Benzene	8.32	78	5398630	112.328	ug/L	100
34) Trichloroethene	9.09	95	1310739	106.871	ug/L	99
35) Methylcyclohexane	9.34	83	2443095	108.079	ug/L	98
37) 1,2-Dichloropropane	9.37	63	1515568	125.157	ug/L	100
38) Bromodichloromethane	9.64	83	1742205	112.389	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	2336911	113.930	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	2491430	189.506	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.38	91	5504476	105.781	ug/L	96
44) trans-1,3-Dichloropropene	10.60	75	1908232	109.352	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	939892	90.112	ug/L	99
46) Tetrachloroethene	10.86	164	861855	91.353	ug/L	97
48) 2-Hexanone	10.96	43	1870034	185.447	ug/L	100
49) Dibromochloromethane	11.13	129	1019918	90.472	ug/L	96
50) 1,2-Dibromoethane	11.23	107	876002	83.148	ug/L	100
51) Chlorobenzene	11.66	112	3179347	96.427	ug/L	100
52) Ethylbenzene	11.73	91	6246300	107.074	ug/L	98
53) m,p-Xylene	11.84	106	2237158	98.701	ug/L	99
54) o-Xylene	12.16	106	2166295	99.756	ug/L	93
55) Styrene	12.18	104	3729427	98.107	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	1257915	86.024	ug/L	99
59) Bromoform	12.35	173	540470	76.566	ug/L	99
60) Isopropylbenzene	12.46	105	5756029	108.221	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	979359	94.341	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	4887818	111.022	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	4809332	110.408	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	2245920	95.197	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	2247241	94.883	ug/L	99
67) 1,2-Dichlorobenzene	13.87	146	2051305	93.937	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	217282	82.937	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	1547787	95.485	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	1288826	87.262	ug/L	99
71) Naphthalene	15.36	128	1472782	35.789	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	1183309	85.881	ug/L	100

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

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