

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033130.D
 Acq On : 02 Jul 2019 10:05
 Operator : JC/SP
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Quant Time: Jul 03 01:29:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 01:24:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	100571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	101674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60169	9.17	ug/L	0.00
7) Chloroethane-d5	1.68	69	58809	10.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	138906	9.70	ug/L	0.00
20) 2-Butanone-d5	4.19	46	234007	115.15	ug/L	0.00
24) Chloroform-d	4.64	84	142821	10.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	79687	10.11	ug/L	0.00
32) Benzene-d6	5.33	84	261249	10.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	85144	10.49	ug/L	0.00
41) Toluene-d8	7.56	98	257263	10.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	37964	11.19	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	173320	123.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	75059	10.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	103416	9.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	101141	9.826	ug/L 99
3) Chloromethane	1.32	50	95286	9.715	ug/L 99
5) Vinyl chloride	1.40	62	95321	9.687	ug/L 99
6) Bromomethane	1.63	94	57022	10.738	ug/L 97
8) Chloroethane	1.69	64	61136	10.649	ug/L 98
9) Trichlorofluoromethane	1.88	101	139035	9.989	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	71056	9.873	ug/L 99
12) 1,1-Dichloroethene	2.28	96	64718	9.694	ug/L 95
13) Acetone	2.33	43	165080	96.876	ug/L 99
14) Carbon disulfide	2.47	76	211432	9.544	ug/L 100
15) Methyl Acetate	2.62	43	39920	10.078	ug/L 98
16) Methylene chloride	2.69	84	71552	9.295	ug/L 96
17) Methyl tert-butyl Ether	3.00	73	188686	10.087	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	69033	9.436	ug/L 98
19) 1,1-Dichloroethane	3.43	63	143365	9.955	ug/L 99
21) 2-Butanone	4.28	43	253727	105.027	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	80238	10.017	ug/L 97
23) Bromochloromethane	4.54	128	37398	10.573	ug/L 98
25) Chloroform	4.67	83	146861	9.949	ug/L 98
27) 1,2-Dichloroethane	5.40	62	103247	10.236	ug/L 98
29) 1,1,1-Trichloroethane	4.90	97	126872	9.804	ug/L 99
30) Cyclohexane	4.98	56	122288	10.258	ug/L 99
31) Carbon tetrachloride	5.12	117	116901	10.011	ug/L 98
33) Benzene	5.38	78	302902	10.129	ug/L 100
34) Trichloroethene	6.18	95	81727	9.981	ug/L 96
35) Methylcyclohexane	6.41	83	128340	10.467	ug/L 99
37) 1,2-Dichloropropane	6.43	63	81728	10.155	ug/L 100
38) Bromodichloromethane	6.75	83	105308	9.954	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	122165	10.393	ug/L 97
40) 4-Methyl-2-pentanone	7.46	43	608415	109.418	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	332428	10.391	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	100800	10.608	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	56977	10.052	ug/L	96
47) Tetrachloroethene	8.22	164	67903	10.290	ug/L	95
48) 2-Hexanone	8.36	43	441302	111.161	ug/L	99
49) Dibromochloromethane	8.47	129	72729	10.235	ug/L	94
50) 1,2-Dibromoethane	8.58	107	56673	10.295	ug/L	99
51) Chlorobenzene	9.11	112	212895	10.061	ug/L	98
52) Ethylbenzene	9.24	91	368108	10.468	ug/L	99
53) m,p-Xylene	9.37	106	137948	10.807	ug/L	100
54) o-Xylene	9.77	106	134310	10.821	ug/L	96
55) Styrene	9.78	104	231273	11.014	ug/L	99
56) Isopropylbenzene	10.16	105	361847	10.680	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	73332	10.107	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	56182	10.470	ug/L	98
61) Bromoform	9.95	173	42370	10.085	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	173042	9.966	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	177241	9.772	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	169338	10.034	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	12585	11.063	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	140449	10.230	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	108304	11.118	ug/L	99
69) Naphthalene	13.74	128	164956	11.516	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	104968	11.047	ug/L	98

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

