

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\
 Data File : VU029391.D
 Acq On : 11 Feb 2019 11:43
 Operator : JC/SP
 Sample : VSTD01047
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01047

Quant Time: Feb 12 01:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 12 00:57:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224276	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	128388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176187	8.17	ug/L	0.00
7) Chloroethane-d5	1.68	69	144209	9.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	354012	9.10	ug/L	0.00
20) 2-Butanone-d5	4.19	46	326886	75.73	ug/L	0.00
24) Chloroform-d	4.65	84	273282	7.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	135861	7.13	ug/L	0.00
32) Benzene-d6	5.34	84	561559	9.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	164195	8.79	ug/L	0.00
41) Toluene-d8	7.56	98	562078	9.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	78390	9.47	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	341236	90.41	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139997	8.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	243706	9.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	192153	6.382	ug/L 98
3) Chloromethane	1.32	50	169772	6.329	ug/L 99
5) Vinyl chloride	1.40	62	202326	7.379	ug/L 99
6) Bromomethane	1.62	94	138201	9.082	ug/L 99
8) Chloroethane	1.70	64	123938	7.986	ug/L 100
9) Trichlorofluoromethane	1.88	101	308197	8.323	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	184149	9.537	ug/L 97
12) 1,1-Dichloroethene	2.28	96	169663	9.522	ug/L 89
13) Acetone	2.32	43	247421	74.764	ug/L 99
14) Carbon disulfide	2.48	76	568156	9.208	ug/L 100
15) Methyl Acetate	2.62	43	66668	8.227	ug/L 97
16) Methylene chloride	2.70	84	175147	8.386	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	430329	9.342	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	184263	9.460	ug/L 98
19) 1,1-Dichloroethane	3.44	63	273915	7.967	ug/L 100
21) 2-Butanone	4.28	43	327027	69.935	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	167252	8.792	ug/L # 100
23) Bromochloromethane	4.55	128	75963	8.742	ug/L 97
25) Chloroform	4.67	83	265703	7.674	ug/L 99
27) 1,2-Dichloroethane	5.40	62	162402	7.021	ug/L 96
29) 1,1,1-Trichloroethane	4.91	97	247858	8.361	ug/L 99
30) Cyclohexane	4.99	56	233572	8.672	ug/L 99
31) Carbon tetrachloride	5.13	117	227986	8.953	ug/L 99
33) Benzene	5.39	78	575810	8.454	ug/L 100
34) Trichloroethene	6.18	95	165188	9.011	ug/L 98
35) Methylcyclohexane	6.41	83	274769	9.242	ug/L 99
37) 1,2-Dichloropropane	6.43	63	142146	7.963	ug/L 100
38) Bromodichloromethane	6.76	83	195910	8.217	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	242317	9.299	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	839455	78.808	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	661928	8.930	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	199670	8.882	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	112104	8.617	ug/L	99
47) Tetrachloroethene	8.22	164	155380	9.582	ug/L	98
48) 2-Hexanone	8.36	43	595275	77.470	ug/L	100
49) Dibromochloromethane	8.48	129	159695	9.662	ug/L	98
50) 1,2-Dibromoethane	8.59	107	111013	8.789	ug/L	99
51) Chlorobenzene	9.12	112	452402	9.172	ug/L	99
52) Ethylbenzene	9.25	91	748601	9.130	ug/L	100
53) m,p-xylene	9.37	106	301318	9.606	ug/L	96
54) o-xylene	9.77	106	292234	9.711	ug/L	97
55) Styrene	9.79	104	499223	9.669	ug/L	98
56) Isopropylbenzene	10.16	105	790767	9.778	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	138326	8.176	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	93878	7.699	ug/L	98
61) Bromoform	9.95	173	101126	9.508	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	402605	9.432	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	403328	8.917	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	374823	9.027	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	25227	8.681	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	332914	9.298	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	295202	9.725	ug/L	99
69) Naphthalene	13.74	128	477943	9.911	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	264804	9.465	ug/L	98

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

