

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035944.D
 Acq On : 03 Dec 2019 12:32
 Operator : JC/SP
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Dec 03 18:03:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 03 17:59:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	378670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	376836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	200775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	821434	20.78	ug/L	0.00
7) Chloroethane-d5	1.93	69	668294	20.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	1171587	18.12	ug/L	0.00
20) 2-Butanone-d5	4.69	46	1573614	187.10	ug/L	0.00
24) Chloroform-d	5.11	84	1126770	18.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	569342	17.72	ug/L	0.00
32) Benzene-d6	5.77	84	2277959	19.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	719606	19.14	ug/L	0.00
41) Toluene-d8	7.93	98	2142313	19.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	302196	20.04	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	1417906	239.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	589897	18.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	768224	19.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	762910	18.867 ug/L	100
3) Chloromethane	1.54	50	846056	18.271 ug/L	100
5) Vinyl chloride	1.62	62	882535	18.587 ug/L	99
6) Bromomethane	1.87	94	512860	18.947 ug/L	97
8) Chloroethane	1.95	64	528898	19.338 ug/L	100
9) Trichlorofluoromethane	2.15	101	1015160	17.642 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	562263	16.714 ug/L	98
12) 1,1-Dichloroethene	2.60	96	532717	16.534 ug/L	93
13) Acetone	2.68	43	1131288	181.568 ug/L	99
14) Carbon disulfide	2.82	76	1818885	17.344 ug/L	99
15) Methyl Acetate	3.00	43	248681	17.625 ug/L	96
16) Methylene chloride	3.08	84	618504	16.007 ug/L	100
17) Methyl tert-butyl Ether	3.42	73	1361775	18.186 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	567405	17.137 ug/L	97
19) 1,1-Dichloroethane	3.92	63	1104362	17.817 ug/L	99
21) 2-Butanone	4.77	43	1808273	199.039 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	640091	17.671 ug/L	96
23) Bromochloromethane	5.02	128	278078	16.162 ug/L	96
25) Chloroform	5.14	83	1085887	16.118 ug/L	99
27) 1,2-Dichloroethane	5.84	62	704740	18.580 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	921070	18.985 ug/L	98
30) Cyclohexane	5.43	56	1055209	21.747 ug/L	99
31) Carbon tetrachloride	5.57	117	810309	18.645 ug/L	99
33) Benzene	5.82	78	2479999	19.070 ug/L	100
34) Trichloroethene	6.58	95	619064	18.766 ug/L	98
35) Methylcyclohexane	6.80	83	1077219	21.434 ug/L	96
37) 1,2-Dichloropropane	6.83	63	649452	18.939 ug/L	99
38) Bromodichloromethane	7.14	83	786757	18.932 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	976490	20.121 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	4135207	208.674 ug/L	98

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42) Toluene	8.00	91	2698292	19.805	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	799305	20.516	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	447803	18.340	ug/L	98
47) Tetrachloroethene	8.58	164	502538	17.696	ug/L	97
48) 2-Hexanone	8.73	43	3091203	217.303	ug/L	98
49) Dibromochloromethane	8.84	129	545601	18.283	ug/L	96
50) 1,2-Dibromoethane	8.96	107	429284	18.488	ug/L	96
51) Chlorobenzene	9.48	112	1639276	18.574	ug/L	99
52) Ethylbenzene	9.60	91	2940885	20.700	ug/L	99
53) m,p-Xylene	9.72	106	1118297	20.766	ug/L	97
54) o-Xylene	10.13	106	1070955	20.749	ug/L	99
55) Styrene	10.14	104	1850067	21.591	ug/L	97
56) Isopropylbenzene	10.51	105	2844100	20.946	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	594280	18.554	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	424518	18.809	ug/L	97
61) Bromoform	10.32	173	322466	17.738	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	1321610	19.558	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	1316738	20.232	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	1260253	19.858	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	90160	21.663	ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	997492	22.933	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	720740	27.601	ug/L	98
69) Naphthalene	14.11	128	1005151	32.008	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	671703	26.670	ug/L	99

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

