

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035942.D
 Acq On : 03 Dec 2019 11:43
 Operator : JC/SP
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Dec 03 18:02:52 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	349756	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	358100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169445	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	190871	5.23	ug/L	0.00
7) Chloroethane-d5	1.93	69	153165	5.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	279186	4.68	ug/L	0.00
20) 2-Butanone-d5	4.70	46	354388	45.62	ug/L	0.00
24) Chloroform-d	5.11	84	264195	4.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	135788	4.58	ug/L	0.00
32) Benzene-d6	5.77	84	525046	4.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	163652	4.58	ug/L	0.00
41) Toluene-d8	7.93	98	493658	4.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	66686	4.65	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	280058	49.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	136987	4.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	162933	4.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	185171	4.958	ug/L 100
3) Chloromethane	1.54	50	202771	4.741	ug/L 100
5) Vinyl chloride	1.62	62	212570	4.847	ug/L 100
6) Bromomethane	1.87	94	117595	4.703	ug/L 100
8) Chloroethane	1.95	64	126036	4.989	ug/L 100
9) Trichlorofluoromethane	2.16	101	252131	4.744	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	138852	4.469	ug/L 100
12) 1,1-Dichloroethene	2.61	96	128385	4.314	ug/L 100
13) Acetone	2.68	43	289630	50.328	ug/L 100
14) Carbon disulfide	2.82	76	437081	4.512	ug/L 100
15) Methyl Acetate	3.00	43	58580	4.495	ug/L 100
16) Methylene chloride	3.08	84	157665	4.418	ug/L 100
17) Methyl tert-butyl Ether	3.42	73	295006	4.265	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	134957	4.413	ug/L 100
19) 1,1-Dichloroethane	3.92	63	261461	4.567	ug/L 100
21) 2-Butanone	4.78	43	412080	49.108	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	140193	4.190	ug/L 100
23) Bromochloromethane	5.02	128	66755	4.201	ug/L 100
25) Chloroform	5.14	83	266219	4.278	ug/L 100
27) 1,2-Dichloroethane	5.84	62	169450	4.837	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	219609	4.763	ug/L 100
30) Cyclohexane	5.43	56	216622	4.698	ug/L 100
31) Carbon tetrachloride	5.57	117	193710	4.691	ug/L 100
33) Benzene	5.82	78	588361	4.761	ug/L 100
34) Trichloroethene	6.58	95	142115	4.533	ug/L 100
35) Methylcyclohexane	6.80	83	218637	4.578	ug/L 100
37) 1,2-Dichloropropane	6.83	63	152648	4.684	ug/L 100
38) Bromodichloromethane	7.14	83	187790	4.755	ug/L 100
39) cis-1,3-Dichloropropene	7.65	75	208186	4.514	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	922511	48.988	ug/L 100

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42) Toluene	8.00	91	624222	4.821	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	175817	4.749	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	108153	4.661	ug/L	100
47) Tetrachloroethene	8.58	164	118094	4.376	ug/L	100
48) 2-Hexanone	8.73	43	715278	52.913	ug/L	100
49) Dibromochloromethane	8.84	129	127244	4.487	ug/L	100
50) 1,2-Dibromoethane	8.96	107	104299	4.727	ug/L	100
51) Chlorobenzene	9.48	112	376951	4.494	ug/L	100
52) Ethylbenzene	9.60	91	609496	4.515	ug/L	100
53) m,p-Xylene	9.72	106	239296	4.676	ug/L	100
54) o-Xylene	10.13	106	222617	4.539	ug/L	100
55) Styrene	10.14	104	386098	4.742	ug/L	100
56) Isopropylbenzene	10.51	105	575594	4.461	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	141918	4.663	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	99518	4.640	ug/L	100
61) Bromoform	10.32	173	74087	4.829	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	287781	5.046	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	279841	5.095	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	273806	5.112	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	19510	5.554	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	193148	5.262	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	102915	4.670	ug/L	100
69) Naphthalene	14.11	128	97454	3.677	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	100899	4.747	ug/L	100

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

