

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036040.D
 Acq On : 09 Dec 2019 10:51
 Operator : JC/MD
 Sample : VSTD00106
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Quant Time: Dec 10 01:03:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 00:59:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241019	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23251	0.89	ug/L	0.00
7) Chloroethane-d5	1.93	69	23643	1.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	42584	1.10	ug/L	0.00
20) 2-Butanone-d5	4.70	46	36016	7.93	ug/L	0.00
24) Chloroform-d	5.11	84	36735	1.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	18946	0.98	ug/L	0.00
32) Benzene-d6	5.77	84	68772	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	21504	0.89	ug/L	0.00
41) Toluene-d8	7.93	98	60029	0.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	8137	0.84	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	24727	6.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	22022	1.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	22415	1.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	25702	1.060 ug/L	98
3) Chloromethane	1.54	50	25909	0.960 ug/L	99
5) Vinyl chloride	1.62	62	27690	1.013 ug/L	84
6) Bromomethane	1.87	94	20654	1.232 ug/L	100
8) Chloroethane	1.95	64	20348	1.148 ug/L	100
9) Trichlorofluoromethane	2.16	101	46152	1.329 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	25502	1.351 ug/L	96
12) 1,1-Dichloroethene	2.60	96	22953	1.301 ug/L #	84
13) Acetone	2.69	43	58161	13.550 ug/L	92
14) Carbon disulfide	2.82	76	57075	0.957 ug/L	98
15) Methyl Acetate	3.00	43	6580	0.887 ug/L	96
16) Methylene chloride	3.08	84	26631	1.020 ug/L	94
17) Methyl tert-butyl Ether	3.42	73	35684	0.919 ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	19145	1.076 ug/L	98
19) 1,1-Dichloroethane	3.92	63	34288	0.994 ug/L	97
21) 2-Butanone	4.78	43	47317	8.918 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	18992	1.001 ug/L	96
23) Bromochloromethane	5.02	128	10087	1.145 ug/L	90
25) Chloroform	5.13	83	39395	1.114 ug/L	99
27) 1,2-Dichloroethane	5.84	62	22403	1.006 ug/L #	94
29) 1,1,1-Trichloroethane	5.37	97	32451	1.062 ug/L	98
30) Cyclohexane	5.43	56	20985	0.718 ug/L	98
31) Carbon tetrachloride	5.57	117	28377	1.040 ug/L	98
33) Benzene	5.82	78	74235	0.945 ug/L	100
34) Trichloroethene	6.58	95	19947	0.994 ug/L	96
35) Methylcyclohexane	6.80	83	22554	0.763 ug/L	91
37) 1,2-Dichloropropane	6.83	63	19075	0.901 ug/L	98
38) Bromodichloromethane	7.14	83	26643	1.041 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	23440	0.837 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	94147	7.772 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.01	91	78213	0.946	ug/L	93
44) trans-1,3-Dichloropropene	8.25	75	21330	0.889	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	15925	1.094	ug/L	98
47) Tetrachloroethene	8.58	164	19702	1.179	ug/L	93
48) 2-Hexanone	8.73	43	58512	6.430	ug/L	99
49) Dibromochloromethane	8.84	129	20311	1.094	ug/L	91
50) 1,2-Dibromoethane	8.95	107	14553	1.009	ug/L #	95
51) Chlorobenzene	9.48	112	53871	1.013	ug/L	98
52) Ethylbenzene	9.60	91	70517	0.824	ug/L	97
53) m,p-Xylene	9.72	106	27328	0.849	ug/L	98
54) o-Xylene	10.13	106	28445	0.956	ug/L	96
55) Styrene	10.14	104	44821	0.898	ug/L	95
56) Isopropylbenzene	10.51	105	78627	1.009	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	23110	1.195	ug/L	95
59) 1,2,3-Trichloropropane	10.85	75	14898	1.079	ug/L	99
61) Bromoform	10.32	173	12805	1.280	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	38378	1.070	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	36320	1.018	ug/L	95
65) 1,2-Dichlorobenzene	12.24	146	35477	1.036	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	2702	1.030	ug/L #	70
67) 1,3,5-Trichlorobenzene	13.24	180	23264	0.929	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	9721	0.729	ug/L	89
69) Naphthalene	14.10	128	6535	0.445	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.36	180	9005	0.696	ug/L	91

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

