

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036154.D
 Acq On : 12 Dec 2019 16:44
 Operator : JC/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Dec 13 01:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 01:21:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	324901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	331056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	183977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	623042	20.57	ug/L	0.00
7) Chloroethane-d5	1.93	69	547604	17.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	850013	16.30	ug/L	0.00
20) 2-Butanone-d5	4.69	46	1161914	226.66	ug/L	0.00
24) Chloroform-d	5.11	84	915065	19.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	452837	18.33	ug/L	0.00
32) Benzene-d6	5.77	84	1830829	20.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	557790	21.15	ug/L	0.00
41) Toluene-d8	7.93	98	1766933	21.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	242977	22.04	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	1053347	264.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	489248	19.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	698457	19.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	671447	20.255	ug/L 99
3) Chloromethane	1.54	50	763357	22.303	ug/L 99
5) Vinyl chloride	1.62	62	824768	23.249	ug/L 97
6) Bromomethane	1.87	94	509992	19.155	ug/L 95
8) Chloroethane	1.95	64	503212	19.529	ug/L 98
9) Trichlorofluoromethane	2.16	101	999522	17.534	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	488706	15.649	ug/L 99
12) 1,1-Dichloroethene	2.60	96	468399	16.774	ug/L 94
13) Acetone	2.68	43	763973	123.681	ug/L 99
14) Carbon disulfide	2.82	76	1545802	18.742	ug/L 100
15) Methyl Acetate	2.99	43	181639	18.948	ug/L 100
16) Methylene chloride	3.08	84	526130	15.633	ug/L 99
17) Methyl tert-butyl Ether	3.41	73	1112906	22.188	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	498848	20.102	ug/L 100
19) 1,1-Dichloroethane	3.92	63	890925	19.873	ug/L 100
21) 2-Butanone	4.77	43	1265260	195.507	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	548724	21.189	ug/L 95
23) Bromochloromethane	5.02	128	250832	18.808	ug/L 96
25) Chloroform	5.13	83	928372	18.803	ug/L 97
27) 1,2-Dichloroethane	5.84	62	568001	19.423	ug/L 98
29) 1,1,1-Trichloroethane	5.36	97	793585	20.293	ug/L 98
30) Cyclohexane	5.43	56	822390	26.307	ug/L 99
31) Carbon tetrachloride	5.57	117	713666	20.159	ug/L 100
33) Benzene	5.82	78	2097494	21.878	ug/L 100
34) Trichloroethene	6.58	95	528471	20.880	ug/L 98
35) Methylcyclohexane	6.80	83	901364	26.252	ug/L 97
37) 1,2-Dichloropropane	6.83	63	521650	21.574	ug/L 98
38) Bromodichloromethane	7.14	83	657659	20.454	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	794234	24.315	ug/L 99
40) 4-Methyl-2-pentanone	7.84	43	2989835	236.701	ug/L 98

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42) Toluene	8.00	91	2323266	22.618	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	648499	22.962	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	380278	20.190	ug/L	97
47) Tetrachloroethene	8.58	164	459248	19.364	ug/L	97
48) 2-Hexanone	8.73	43	2226925	252.313	ug/L	99
49) Dibromochloromethane	8.84	129	481528	19.988	ug/L	99
50) 1,2-Dibromoethane	8.96	107	370715	20.810	ug/L	99
51) Chlorobenzene	9.48	112	1436320	20.669	ug/L	99
52) Ethylbenzene	9.60	91	2494157	24.014	ug/L	99
53) m,p-Xylene	9.72	106	980412	23.560	ug/L	100
54) o-Xylene	10.13	106	936701	23.556	ug/L	99
55) Styrene	10.14	104	1633355	23.834	ug/L	97
56) Isopropylbenzene	10.51	105	2464210	23.467	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	491119	19.682	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	354645	20.599	ug/L	98
61) Bromoform	10.32	173	288746	15.514	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	1200644	19.417	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	1198760	19.822	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	1139618	18.710	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	69591	18.392	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	881307	21.770	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	623668	29.131	ug/L	99
69) Naphthalene	14.11	128	794770	37.738	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	579239	27.655	ug/L	99

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

