

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036152.D
 Acq On : 12 Dec 2019 15:55
 Operator : JC/MD
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Dec 13 01:24:35 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	293870	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302644	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	152659	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145443	5.31	ug/L	0.00
7) Chloroethane-d5	1.93	69	126337	4.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	195436	4.14	ug/L	0.00
20) 2-Butanone-d5	4.70	46	241682	52.12	ug/L	0.00
24) Chloroform-d	5.11	84	214984	4.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	104651	4.68	ug/L	0.00
32) Benzene-d6	5.77	84	411012	5.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	128062	5.31	ug/L	0.00
41) Toluene-d8	7.93	98	402681	5.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	52712	5.23	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	203931	56.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	113946	5.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	142482	4.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	160963	5.368	ug/L 100
3) Chloromethane	1.54	50	193241	6.242	ug/L 100
5) Vinyl chloride	1.62	62	200402	6.245	ug/L 100
6) Bromomethane	1.87	94	117494	4.879	ug/L 100
8) Chloroethane	1.95	64	125130	5.369	ug/L 100
9) Trichlorofluoromethane	2.16	101	248194	4.814	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122921	4.352	ug/L 100
12) 1,1-Dichloroethene	2.61	96	111356	4.409	ug/L 100
13) Acetone	2.68	43	191208	34.224	ug/L 100
14) Carbon disulfide	2.82	76	374582	5.021	ug/L 100
15) Methyl Acetate	3.00	43	42670	4.921	ug/L 100
16) Methylene chloride	3.08	84	131560	4.322	ug/L 100
17) Methyl tert-butyl Ether	3.42	73	231978	5.113	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	113631	5.063	ug/L 100
19) 1,1-Dichloroethane	3.92	63	215475	5.314	ug/L 100
21) 2-Butanone	4.77	43	287897	49.183	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	120275	5.135	ug/L 100
23) Bromochloromethane	5.02	128	60478	5.014	ug/L 100
25) Chloroform	5.14	83	227241	5.089	ug/L 100
27) 1,2-Dichloroethane	5.84	62	134941	5.101	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	188087	5.261	ug/L 100
30) Cyclohexane	5.43	56	162205	5.676	ug/L 100
31) Carbon tetrachloride	5.57	117	173373	5.357	ug/L 100
33) Benzene	5.82	78	493955	5.636	ug/L 100
34) Trichloroethene	6.58	95	123509	5.338	ug/L 100
35) Methylcyclohexane	6.80	83	178083	5.673	ug/L 100
37) 1,2-Dichloropropane	6.83	63	125550	5.680	ug/L 100
38) Bromodichloromethane	7.14	83	159153	5.415	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	165789	5.552	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	645189	55.874	ug/L 100

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42) Toluene	8.00	91	542251	5.775	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	142265	5.510	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	92339	5.363	ug/L	100
47) Tetrachloroethene	8.58	164	110292	5.087	ug/L	100
48) 2-Hexanone	8.73	43	491187	60.877	ug/L	100
49) Dibromochloromethane	8.84	129	113831	5.169	ug/L	100
50) 1,2-Dibromoethane	8.96	107	88653	5.444	ug/L	100
51) Chlorobenzene	9.48	112	333997	5.258	ug/L	100
52) Ethylbenzene	9.60	91	507035	5.340	ug/L	100
53) m,p-Xylene	9.72	106	203565	5.351	ug/L	100
54) o-Xylene	10.13	106	191712	5.274	ug/L	100
55) Styrene	10.14	104	338200	5.398	ug/L	100
56) Isopropylbenzene	10.51	105	497396	5.182	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	116595	5.111	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	84094	5.343	ug/L	100
61) Bromoform	10.32	173	66475	4.304	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	264233	5.150	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	250593	4.994	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	247668	4.900	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	14774	4.706	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	167881	4.998	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	84824	4.775	ug/L	100
69) Naphthalene	14.10	128	71628	4.099	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	82653	4.756	ug/L	100

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

