

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036042.D
 Acq On : 09 Dec 2019 11:46
 Operator : JC/MD
 Sample : VSTD01002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01002

Quant Time: Dec 10 01:06:40 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	291499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165195	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	245825	7.82	ug/L	0.00
7) Chloroethane-d5	1.93	69	264419	10.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	476284	10.15	ug/L	0.00
20) 2-Butanone-d5	4.69	46	461729	84.11	ug/L	0.00
24) Chloroform-d	5.11	84	424573	9.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	207843	8.86	ug/L	0.00
32) Benzene-d6	5.77	84	842435	9.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	245952	8.94	ug/L	0.00
41) Toluene-d8	7.93	98	807197	10.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	103609	9.34	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	421833	97.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	211189	9.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	336967	10.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	270275	9.220 ug/L	99
3) Chloromethane	1.54	50	254084	7.781 ug/L	99
5) Vinyl chloride	1.62	62	281902	8.531 ug/L	97
6) Bromomethane	1.87	94	221742	10.935 ug/L	98
8) Chloroethane	1.95	64	208093	9.704 ug/L	99
9) Trichlorofluoromethane	2.16	101	482442	11.484 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	274484	12.020 ug/L	99
12) 1,1-Dichloroethene	2.61	96	250652	11.748 ug/L	94
13) Acetone	2.68	43	438183	84.408 ug/L	99
14) Carbon disulfide	2.82	76	773926	10.731 ug/L	99
15) Methyl Acetate	2.99	43	88913	9.910 ug/L	96
16) Methylene chloride	3.08	84	271396	8.594 ug/L	94
17) Methyl tert-butyl Ether	3.41	73	444950	9.473 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	205616	9.557 ug/L	98
19) 1,1-Dichloroethane	3.92	63	368407	8.833 ug/L	98
21) 2-Butanone	4.77	43	543025	84.627 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	232020	10.108 ug/L	97
23) Bromochloromethane	5.02	128	113416	10.648 ug/L	99
25) Chloroform	5.13	83	412891	9.653 ug/L	100
27) 1,2-Dichloroethane	5.84	62	246524	9.151 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	349113	9.981 ug/L	99
30) Cyclohexane	5.43	56	306777	9.175 ug/L	98
31) Carbon tetrachloride	5.57	117	326028	10.435 ug/L	98
33) Benzene	5.82	78	895191	9.958 ug/L	100
34) Trichloroethene	6.58	95	228298	9.938 ug/L	98
35) Methylcyclohexane	6.80	83	358734	10.609 ug/L	97
37) 1,2-Dichloropropane	6.83	63	216194	8.927 ug/L	99
38) Bromodichloromethane	7.14	83	285391	9.745 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	320602	10.005 ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	1206366	87.008 ug/L	99

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42) Toluene	8.00	91	1002975	10.605	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	270370	9.841	ug/L	95
45) 1,1,2-Trichloroethane	8.44	97	168133	10.093	ug/L	97
47) Tetrachloroethene	8.58	164	217031	11.343	ug/L	98
48) 2-Hexanone	8.73	43	891732	85.617	ug/L	94
49) Dibromochloromethane	8.84	129	216551	10.189	ug/L	97
50) 1,2-Dibromoethane	8.96	107	160799	9.737	ug/L	96
51) Chlorobenzene	9.48	112	616151	10.126	ug/L	100
52) Ethylbenzene	9.60	91	1023601	10.453	ug/L	98
53) m,p-Xylene	9.72	106	418572	11.355	ug/L	96
54) o-Xylene	10.13	106	389777	11.444	ug/L	92
55) Styrene	10.14	104	689496	12.066	ug/L	98
56) Isopropylbenzene	10.51	105	1021202	11.444	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	208425	9.413	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	148605	9.403	ug/L	100
61) Bromoform	10.32	173	137188	9.162	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	536513	9.996	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	527023	9.869	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	579777	11.312	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	31854	8.113	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	387422	10.333	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	233465	11.689	ug/L	97
69) Naphthalene	14.11	128	233706	10.630	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	223541	11.536	ug/L	100

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

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