

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038407.D
 Acq On : 30 May 2020 11:59
 Operator : JC/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Jun 01 01:28:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 01:25:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	336957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	328397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106931	4.90	ug/L	0.00
7) Chloroethane-d5	1.93	69	82165	4.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	210816	4.91	ug/L	0.00
20) 2-Butanone-d5	4.68	46	333709	50.37	ug/L	0.00
24) Chloroform-d	5.10	84	199255	4.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	111859	4.81	ug/L	0.00
32) Benzene-d6	5.76	84	406097	4.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	123008	4.88	ug/L	0.00
41) Toluene-d8	7.92	98	365638	4.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	52604	4.85	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	269075	50.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103072	4.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	138290	4.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	134362	5.059	ug/L 100
3) Chloromethane	1.53	50	116131	4.762	ug/L 100
5) Vinyl chloride	1.62	62	126325	4.834	ug/L 100
6) Bromomethane	1.87	94	60938	4.803	ug/L 100
8) Chloroethane	1.95	64	77958	4.979	ug/L 100
9) Trichlorofluoromethane	2.16	101	174083	5.022	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	102229	5.007	ug/L 100
12) 1,1-Dichloroethene	2.60	96	101842	4.908	ug/L 100
13) Acetone	2.69	43	211946	48.885	ug/L 100
14) Carbon disulfide	2.82	76	343832	4.883	ug/L 100
15) Methyl Acetate	2.99	43	52792	4.970	ug/L 100
16) Methylene chloride	3.08	84	112072	4.772	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	271130	4.983	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	110064	4.921	ug/L 100
19) 1,1-Dichloroethane	3.91	63	197735	4.941	ug/L 100
21) 2-Butanone	4.77	43	381005	52.247	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	118986	4.941	ug/L 100
23) Bromochloromethane	5.02	128	52263	4.822	ug/L 100
25) Chloroform	5.13	83	201443	4.955	ug/L 100
27) 1,2-Dichloroethane	5.83	62	142874	4.992	ug/L 100
29) 1,1,1-Trichloroethane	5.35	97	174831	5.031	ug/L 100
30) Cyclohexane	5.42	56	185630	5.094	ug/L 100
31) Carbon tetrachloride	5.56	117	144532	4.996	ug/L 100
33) Benzene	5.81	78	447505	4.887	ug/L 100
34) Trichloroethene	6.57	95	116292	4.893	ug/L 100
35) Methylcyclohexane	6.79	83	179652	4.882	ug/L 100
37) 1,2-Dichloropropane	6.82	63	116412	5.052	ug/L 100
38) Bromodichloromethane	7.13	83	140507	4.910	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	170259	4.999	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	827962	50.241	ug/L 100

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42) Toluene	7.99	91	476319	4.959	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	150893	5.017	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	86993	5.004	ug/L	100
47) Tetrachloroethene	8.57	164	85541	4.954	ug/L	100
48) 2-Hexanone	8.71	43	618664	49.570	ug/L	100
49) Dibromochloromethane	8.83	129	95727	5.101	ug/L	100
50) 1,2-Dibromoethane	8.94	107	83198	4.998	ug/L	100
51) Chlorobenzene	9.47	112	305218	4.927	ug/L	100
52) Ethylbenzene	9.59	91	525244	4.915	ug/L	100
53) m,p-Xylene	9.71	106	205652	5.004	ug/L	100
54) o-Xylene	10.11	106	197614	5.009	ug/L	100
55) Styrene	10.13	104	336739	5.028	ug/L	100
56) Isopropylbenzene	10.50	105	518993	4.998	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	107662	4.873	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	84622	4.920	ug/L	100
61) Bromoform	10.31	173	51699	4.986	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	239034	4.888	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	242337	4.887	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	227741	4.905	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	18166	4.832	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	175579	4.813	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	162610	4.816	ug/L	100
69) Naphthalene	14.11	128	328858	4.894	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	145608	4.739	ug/L	100

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

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