

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040867.D
 Acq On : 21 Oct 2020 12:14
 Operator : SY/MD
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Oct 22 00:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	260295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	260674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	133892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	91288	4.40	ug/L	0.00
7) Chloroethane-d5	1.92	69	78418	4.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	188846	4.62	ug/L	0.00
20) 2-Butanone-d5	4.64	46	318200	47.52	ug/L	0.00
24) Chloroform-d	5.08	84	198955	5.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	110936	4.87	ug/L	0.00
32) Benzene-d6	5.74	84	345989	5.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	117198	5.05	ug/L	0.00
41) Toluene-d8	7.91	98	316997	5.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	46590	4.86	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	247097	49.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	103119	4.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	116901	4.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131359	5.511	ug/L 100
3) Chloromethane	1.52	50	143826	6.195	ug/L 100
5) Vinyl chloride	1.61	62	132292	5.582	ug/L 100
6) Bromomethane	1.86	94	66060	5.233	ug/L 100
8) Chloroethane	1.94	64	83884	5.567	ug/L 100
9) Trichlorofluoromethane	2.15	101	176916	5.286	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	104969	4.915	ug/L 100
12) 1,1-Dichloroethene	2.59	96	95982	5.221	ug/L 100
13) Acetone	2.64	43	206504	41.048	ug/L 100
14) Carbon disulfide	2.80	76	338774	6.224	ug/L 100
15) Methyl Acetate	2.96	43	51156	4.392	ug/L 100
16) Methylene chloride	3.06	84	109676	4.675	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	231415	4.570	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	98209	5.090	ug/L 100
19) 1,1-Dichloroethane	3.89	63	200510	5.050	ug/L 100
21) 2-Butanone	4.72	43	334236	42.749	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	107026	5.149	ug/L 100
23) Bromochloromethane	4.99	128	49235	4.832	ug/L 100
25) Chloroform	5.11	83	203674	5.045	ug/L 100
27) 1,2-Dichloroethane	5.81	62	139761	4.898	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	172294	4.993	ug/L 100
30) Cyclohexane	5.40	56	172237	5.352	ug/L 100
31) Carbon tetrachloride	5.54	117	149040	5.053	ug/L 100
33) Benzene	5.79	78	430161	5.202	ug/L 100
34) Trichloroethene	6.55	95	104008	4.890	ug/L 100
35) Methylcyclohexane	6.77	83	163223	5.330	ug/L 100
37) 1,2-Dichloropropane	6.80	63	115824	5.074	ug/L 100
38) Bromodichloromethane	7.11	83	142090	4.882	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	153473	4.930	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	788077	44.814	ug/L 100

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42) Toluene	7.98	91	443302	5.278	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	140621	4.941	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	78695	4.666	ug/L	100
47) Tetrachloroethene	8.56	164	78297	5.153	ug/L	100
48) 2-Hexanone	8.69	43	584778	44.790	ug/L	100
49) Dibromochloromethane	8.82	129	93278	4.800	ug/L	100
50) 1,2-Dibromoethane	8.93	107	73817	4.601	ug/L	100
51) Chlorobenzene	9.45	112	273483	4.964	ug/L	100
52) Ethylbenzene	9.57	91	456898	5.061	ug/L	100
53) m,p-Xylene	9.70	106	172699	5.259	ug/L	100
54) o-Xylene	10.10	106	162947	5.181	ug/L	100
55) Styrene	10.11	104	293071	5.341	ug/L	100
56) Isopropylbenzene	10.48	105	440315	5.182	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	99625	4.507	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	73162	4.439	ug/L	100
61) Bromoform	10.29	173	48629	4.436	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	218933	5.085	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	221275	4.991	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	201276	4.824	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	17317	4.749	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	149612	4.896	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	126361	5.301	ug/L	100
69) Naphthalene	14.08	128	231942	5.815	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	123299	5.564	ug/L	100

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

