

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040868.D
 Acq On : 21 Oct 2020 12:37
 Operator : SY/MD
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01003

Quant Time: Oct 22 00:09:34 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	263446	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	261072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	137383	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	174455	8.32	ug/L	0.00
7) Chloroethane-d5	1.92	69	153511	9.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	377819	9.13	ug/L	0.00
20) 2-Butanone-d5	4.64	46	646076	95.33	ug/L	0.00
24) Chloroform-d	5.08	84	384332	10.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	216205	9.38	ug/L	0.00
32) Benzene-d6	5.74	84	693355	10.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	231690	9.96	ug/L	0.00
41) Toluene-d8	7.91	98	625531	10.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	94851	9.87	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	520181	104.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	197360	9.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	232835	9.24	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	255380	10.586	ug/L 100
3) Chloromethane	1.52	50	272787	11.609	ug/L 97
5) Vinyl chloride	1.61	62	265914	11.085	ug/L 99
6) Bromomethane	1.86	94	125745	9.842	ug/L 97
8) Chloroethane	1.94	64	159170	10.436	ug/L 100
9) Trichlorofluoromethane	2.15	101	341833	10.092	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	203235	9.402	ug/L 99
12) 1,1-Dichloroethene	2.59	96	186016	9.997	ug/L 99
13) Acetone	2.64	43	400050	78.569	ug/L 99
14) Carbon disulfide	2.80	76	654009	11.872	ug/L 99
15) Methyl Acetate	2.96	43	102558	8.701	ug/L 99
16) Methylene chloride	3.06	84	213091	8.975	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	473541	9.239	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	197554	10.116	ug/L 99
19) 1,1-Dichloroethane	3.89	63	393423	9.790	ug/L 98
21) 2-Butanone	4.72	43	688544	87.013	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	214361	10.190	ug/L 98
23) Bromochloromethane	4.99	128	95036	9.216	ug/L 96
25) Chloroform	5.11	83	392872	9.614	ug/L 97
27) 1,2-Dichloroethane	5.81	62	270444	9.364	ug/L 99
29) 1,1,1-Trichloroethane	5.33	97	335450	9.707	ug/L 99
30) Cyclohexane	5.40	56	357611	11.095	ug/L 98
31) Carbon tetrachloride	5.54	117	292674	9.908	ug/L 100
33) Benzene	5.79	78	846947	10.227	ug/L 100
34) Trichloroethene	6.56	95	213103	10.005	ug/L 97
35) Methylcyclohexane	6.77	83	343454	11.199	ug/L 98
37) 1,2-Dichloropropane	6.80	63	222842	9.747	ug/L 98
38) Bromodichloromethane	7.12	83	286343	9.824	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	316590	10.154	ug/L 98
40) 4-Methyl-2-pentanone	7.80	43	1640562	93.149	ug/L 100

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42) Toluene	7.98	91	887192	10.546	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	288137	10.110	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	150456	8.908	ug/L	96
47) Tetrachloroethene	8.56	164	155884	10.243	ug/L	98
48) 2-Hexanone	8.69	43	1180238	90.261	ug/L	99
49) Dibromochloromethane	8.82	129	184098	9.460	ug/L	96
50) 1,2-Dibromoethane	8.93	107	143523	8.932	ug/L	100
51) Chlorobenzene	9.45	112	539352	9.775	ug/L	100
52) Ethylbenzene	9.57	91	964107	10.662	ug/L	99
53) m,p-Xylene	9.70	106	359908	10.943	ug/L	96
54) o-Xylene	10.10	106	340983	10.825	ug/L	95
55) Styrene	10.11	104	606912	11.043	ug/L	99
56) Isopropylbenzene	10.48	105	920714	10.819	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	197170	8.907	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	145564	8.819	ug/L	95
61) Bromoform	10.29	173	97894	8.702	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	434169	9.829	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	443200	9.742	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	400695	9.360	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	33611	8.984	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	311952	9.950	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	269732	11.029	ug/L	99
69) Naphthalene	14.08	128	519806	12.700	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	256937	11.299	ug/L	99

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

