

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083120\
 Data File : VU040001.D
 Acq On : 31 Aug 2020 11:25
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02001

Quant Time: Aug 31 17:59:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 31 17:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123647	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140105	13.82	ug/L	0.00
7) Chloroethane-d5	1.92	69	111344	13.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	374691	18.32	ug/L	0.00
20) 2-Butanone-d5	4.65	46	577645	171.10	ug/L	0.00
24) Chloroform-d	5.08	84	335399	17.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	195148	17.00	ug/L	0.00
32) Benzene-d6	5.74	84	609906	17.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	198065	16.87	ug/L	0.00
41) Toluene-d8	7.91	98	550302	17.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	92023	18.53	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	471654	189.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	173879	16.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	200620	17.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	265569	20.709 ug/L	100
3) Chloromethane	1.53	50	246611	17.450 ug/L	100
5) Vinyl chloride	1.61	62	256782	19.264 ug/L	96
6) Bromomethane	1.87	94	136021	17.974 ug/L	94
8) Chloroethane	1.94	64	141423	16.407 ug/L	100
9) Trichlorofluoromethane	2.15	101	368858	18.407 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	235447	21.061 ug/L	99
12) 1,1-Dichloroethene	2.59	96	209996	19.700 ug/L	94
13) Acetone	2.66	43	513107	208.801 ug/L	97
14) Carbon disulfide	2.81	76	659876	19.266 ug/L	100
15) Methyl Acetate	2.97	43	128755	21.070 ug/L	98
16) Methylene chloride	3.06	84	236035	16.079 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	650526	23.507 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	220911	19.950 ug/L	99
19) 1,1-Dichloroethane	3.89	63	449038	21.445 ug/L	100
21) 2-Butanone	4.73	43	883110	211.427 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	245124	21.009 ug/L	97
23) Bromochloromethane	4.99	128	107072	19.704 ug/L	98
25) Chloroform	5.11	83	463091	21.613 ug/L	100
27) 1,2-Dichloroethane	5.81	62	337926	22.248 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	413079	22.509 ug/L	100
30) Cyclohexane	5.41	56	420318	23.339 ug/L	98
31) Carbon tetrachloride	5.54	117	352354	21.903 ug/L	98
33) Benzene	5.79	78	929433	20.879 ug/L	100
34) Trichloroethene	6.56	95	254224	21.839 ug/L	97
35) Methylcyclohexane	6.77	83	402237	22.689 ug/L	97
37) 1,2-Dichloropropane	6.80	63	256248	21.430 ug/L	100
38) Bromodichloromethane	7.11	83	348611	22.784 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	395479	23.448 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	2157678	224.945 ug/L	100

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42) Toluene	7.98	91	983157	21.551	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	364395	22.874	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	184028	20.404	ug/L	99
47) Tetrachloroethene	8.56	164	163561	19.518	ug/L	96
48) 2-Hexanone	8.69	43	1574275	227.707	ug/L	100
49) Dibromochloromethane	8.82	129	225451	21.051	ug/L	98
50) 1,2-Dibromoethane	8.93	107	179384	20.892	ug/L	97
51) Chlorobenzene	9.45	112	613408	20.818	ug/L	98
52) Ethylbenzene	9.57	91	1138489	22.743	ug/L	98
53) m,p-Xylene	9.70	106	410975	21.750	ug/L	99
54) o-Xylene	10.10	106	398779	22.237	ug/L	99
55) Styrene	10.11	104	703832	22.689	ug/L	98
56) Isopropylbenzene	10.48	105	1113853	23.074	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	239778	20.789	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	184467	21.328	ug/L	98
61) Bromoform	10.29	173	122218	22.644	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	475919	21.213	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	482377	21.082	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	466702	21.449	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	50492	26.708	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	344023	20.713	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	310498	21.813	ug/L	100
69) Naphthalene	14.08	128	695748	25.643	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	278939	21.031	ug/L	98

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

