

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080320\
 Data File : VU039736.D
 Acq On : 03 Aug 2020 13:39
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Aug 03 17:31:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 03 17:28:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74931	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	4067	1.11	ug/L	0.00
7) Chloroethane-d5	1.92	69	4109	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	7384	0.93	ug/L	0.00
20) 2-Butanone-d5	4.65	46	17448	10.75	ug/L	0.00
24) Chloroform-d	5.08	84	10678	1.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	6663	1.13	ug/L	0.00
32) Benzene-d6	5.74	84	17723	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	6475	1.08	ug/L	0.00
41) Toluene-d8	7.90	98	15710	0.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	2265	0.88	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	11640	9.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	6204	1.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	6966	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6285	1.557 ug/L	96
3) Chloromethane	1.53	50	7142	1.632 ug/L	94
5) Vinyl chloride	1.61	62	6273	1.376 ug/L	99
6) Bromomethane	1.87	94	4277	1.457 ug/L	89
8) Chloroethane	1.94	64	4719	1.288 ug/L	91
9) Trichlorofluoromethane	2.15	101	9796	1.084 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	5154	1.275 ug/L	98
12) 1,1-Dichloroethene	2.59	96	4574	1.245 ug/L	94
13) Acetone	2.65	43	11623	13.076 ug/L	95
14) Carbon disulfide	2.81	76	14180	1.280 ug/L	95
15) Methyl Acetate	2.97	43	2797	1.280 ug/L	96
16) Methylene chloride	3.06	84	8312	1.567 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	11432	1.014 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	5099	1.253 ug/L	96
19) 1,1-Dichloroethane	3.89	63	9474	1.165 ug/L	95
21) 2-Butanone	4.73	43	17760	11.563 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	5360	1.139 ug/L	82
23) Bromochloromethane	5.00	128	2469	1.111 ug/L	85
25) Chloroform	5.11	83	10161	1.095 ug/L	88
27) 1,2-Dichloroethane	5.81	62	6773	1.077 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	8430	1.059 ug/L	96
30) Cyclohexane	5.41	56	8405	1.182 ug/L	92
31) Carbon tetrachloride	5.54	117	7543	1.097 ug/L	98
33) Benzene	5.79	78	21604	1.178 ug/L	100
34) Trichloroethene	6.56	95	5321	1.059 ug/L	95
35) Methylcyclohexane	6.78	83	8109	1.083 ug/L	99
37) 1,2-Dichloropropane	6.80	63	5773	1.149 ug/L	# 86
38) Bromodichloromethane	7.11	83	7145	1.081 ug/L	94
39) cis-1,3-Dichloropropene	7.61	75	6807	0.948 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	40580	10.316 ug/L	99

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42) Toluene	7.98	91	21681	1.094	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	6016	0.912	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	4233	1.086	ug/L	95
47) Tetrachloroethene	8.56	164	4502	1.287	ug/L	90
48) 2-Hexanone	8.69	43	28543	9.783	ug/L	99
49) Dibromochloromethane	8.81	129	4966	1.057	ug/L	88
50) 1,2-Dibromoethane	8.93	107	4083	1.072	ug/L #	100
51) Chlorobenzene	9.45	112	15361	1.192	ug/L	96
52) Ethylbenzene	9.57	91	23491	1.042	ug/L	96
53) m,p-Xylene	9.70	106	8857	1.041	ug/L	90
54) o-Xylene	10.10	106	8183	0.984	ug/L	89
55) Styrene	10.11	104	14562	1.049	ug/L	94
56) Isopropylbenzene	10.48	105	23225	1.033	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	6080	1.217	ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	4286	1.158	ug/L	90
61) Bromoform	10.29	173	2637	0.973	ug/L #	80
62) 1,3-Dichlorobenzene	11.74	146	12259	1.153	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	12547	1.158	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	11796	1.147	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	936	1.233	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	8829	1.156	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	6877	1.076	ug/L	99
69) Naphthalene	14.08	128	11691	1.066	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	5953	1.033	ug/L	96

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

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