

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039004.D
 Acq On : 22 Jun 2020 14:16
 Operator : SY/MD
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01003

Quant Time: Jun 22 15:01:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 22 14:58:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273549	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143968	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	222747	8.81	ug/L	0.00
7) Chloroethane-d5	1.93	69	157368	8.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	427780	9.40	ug/L	0.00
20) 2-Butanone-d5	4.67	46	766867	100.71	ug/L	0.00
24) Chloroform-d	5.10	84	405572	9.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	240459	9.37	ug/L	0.00
32) Benzene-d6	5.76	84	828585	9.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	267417	10.00	ug/L	0.00
41) Toluene-d8	7.92	98	721754	8.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	118206	9.34	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	625007	113.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	244325	10.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	280959	9.69	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	257279	9.194 ug/L	99
3) Chloromethane	1.53	50	152747	5.514 ug/L	97
5) Vinyl chloride	1.62	62	272452	9.428 ug/L	100
6) Bromomethane	1.87	94	64593	5.822 ug/L	99
8) Chloroethane	1.95	64	164151	9.984 ug/L	98
9) Trichlorofluoromethane	2.15	101	345444	9.182 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	206087	9.313 ug/L	99
12) 1,1-Dichloroethene	2.60	96	195935	9.668 ug/L	94
13) Acetone	2.66	43	447640	95.510 ug/L	99
14) Carbon disulfide	2.82	76	654456	9.477 ug/L	99
15) Methyl Acetate	2.98	43	115292	9.904 ug/L	100
16) Methylene chloride	3.07	84	223764	8.977 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	528319	9.837 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	208025	9.717 ug/L	98
19) 1,1-Dichloroethane	3.91	63	412950	9.990 ug/L	99
21) 2-Butanone	4.75	43	769104	101.724 ug/L	100
22) cis-1,2-Dichloroethene	4.70	96	227820	10.038 ug/L	96
23) Bromochloromethane	5.01	128	101519	9.802 ug/L	97
25) Chloroform	5.12	83	422700	10.370 ug/L	99
27) 1,2-Dichloroethane	5.83	62	285201	9.703 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	345677	9.859 ug/L	99
30) Cyclohexane	5.42	56	360497	10.402 ug/L	99
31) Carbon tetrachloride	5.56	117	285074	9.673 ug/L	100
33) Benzene	5.81	78	886936	10.013 ug/L	100
34) Trichloroethene	6.57	95	213191	9.630 ug/L	99
35) Methylcyclohexane	6.79	83	352541	10.328 ug/L	99
37) 1,2-Dichloropropane	6.82	63	238637	9.989 ug/L	100
38) Bromodichloromethane	7.13	83	293040	9.432 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	351322	9.306 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1831159	90.410 ug/L	99

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42) Toluene	7.99	91	911721	9.210	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	317549	9.604	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	171430	9.085	ug/L	97
47) Tetrachloroethene	8.57	164	152992	9.085	ug/L	97
48) 2-Hexanone	8.71	43	1384668	102.048	ug/L	99
49) Dibromochloromethane	8.83	129	193484	9.494	ug/L	99
50) 1,2-Dibromoethane	8.94	107	165148	9.433	ug/L #	99
51) Chlorobenzene	9.47	112	558537	9.684	ug/L	99
52) Ethylbenzene	9.59	91	985006	9.923	ug/L	99
53) m,p-Xylene	9.71	106	380245	10.182	ug/L	100
54) o-Xylene	10.12	106	366077	10.102	ug/L	99
55) Styrene	10.13	104	655660	10.540	ug/L	99
56) Isopropylbenzene	10.50	105	965378	10.281	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	231092	9.976	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	174127	10.125	ug/L	100
61) Bromoform	10.31	173	112693	9.589	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	442967	9.432	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	452954	9.385	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	428660	9.515	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	38609	9.179	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	318058	8.850	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	286198	8.975	ug/L	99
69) Naphthalene	14.11	128	612538	10.467	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	269104	8.839	ug/L	97

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

