

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038031.D
 Acq On : 07 May 2020 11:07
 Operator : JC/MD
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01003

Quant Time: May 07 11:31:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 11:12:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	370006	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	358433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	177893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	321658	11.49	ug/L	0.00
7) Chloroethane-d5	1.93	69	272457	11.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	529651	10.65	ug/L	0.00
20) 2-Butanone-d5	4.68	46	829552	107.88	ug/L	0.00
24) Chloroform-d	5.10	84	498978	11.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	275273	10.71	ug/L	0.00
32) Benzene-d6	5.76	84	1043365	10.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	336479	10.68	ug/L	0.00
41) Toluene-d8	7.92	98	932929	10.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	138222	9.76	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	657083	90.67	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	272846	10.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	327812	10.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	323882	10.090 ug/L	98
3) Chloromethane	1.53	50	383483	9.663 ug/L	98
5) Vinyl chloride	1.62	62	385016	9.875 ug/L	99
6) Bromomethane	1.87	94	213462	9.536 ug/L	98
8) Chloroethane	1.95	64	230416	10.065 ug/L	100
9) Trichlorofluoromethane	2.16	101	390435	9.333 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	240330	9.867 ug/L	99
12) 1,1-Dichloroethene	2.60	96	242898	9.513 ug/L	98
13) Acetone	2.68	43	506399	99.885 ug/L	100
14) Carbon disulfide	2.82	76	861820	9.244 ug/L	99
15) Methyl Acetate	2.99	43	136327	9.671 ug/L	100
16) Methylene chloride	3.08	84	280568	9.747 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	706209	9.552 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	268192	9.688 ug/L	98
19) 1,1-Dichloroethane	3.91	63	526359	9.830 ug/L	99
21) 2-Butanone	4.76	43	911219	98.923 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	296743	9.921 ug/L	100
23) Bromochloromethane	5.01	128	127713	10.074 ug/L	95
25) Chloroform	5.12	83	487794	9.590 ug/L	100
27) 1,2-Dichloroethane	5.83	62	346608	10.082 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	401955	9.242 ug/L	99
30) Cyclohexane	5.42	56	480410	8.925 ug/L	99
31) Carbon tetrachloride	5.56	117	325080	9.380 ug/L	100
33) Benzene	5.81	78	1134140	9.577 ug/L	100
34) Trichloroethene	6.57	95	273959	9.413 ug/L	98
35) Methylcyclohexane	6.79	83	465724	9.131 ug/L	96
37) 1,2-Dichloropropane	6.82	63	301451	9.598 ug/L	99
38) Bromodichloromethane	7.13	83	356081	9.534 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	456450	9.284 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	2198621	95.215 ug/L	99

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42) Toluene	7.99	91	1176684	9.486	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	389416	9.124	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	213317	10.079	ug/L	97
47) Tetrachloroethene	8.57	164	190155	9.092	ug/L	98
48) 2-Hexanone	8.71	43	1623290	98.187	ug/L	99
49) Dibromochloromethane	8.83	129	230700	9.538	ug/L	96
50) 1,2-Dibromoethane	8.94	107	202121	9.931	ug/L	100
51) Chlorobenzene	9.47	112	730274	9.649	ug/L	100
52) Ethylbenzene	9.59	91	1298554	9.409	ug/L	100
53) m,p-Xylene	9.71	106	502114	9.613	ug/L	97
54) o-Xylene	10.12	106	489208	9.516	ug/L	99
55) Styrene	10.13	104	830924	9.455	ug/L	99
56) Isopropylbenzene	10.50	105	1252000	9.284	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	274290	9.955	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	206460	10.044	ug/L	98
61) Bromoform	10.31	173	122170	8.644	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	558918	9.380	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	562774	9.419	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	538805	9.607	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	44005	8.464	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	404823	9.265	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	382453	9.536	ug/L	99
69) Naphthalene	14.11	128	828977	10.207	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	347308	9.720	ug/L	98

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

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