

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038030.D
 Acq On : 07 May 2020 10:44
 Operator : JC/MD
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: May 07 11:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 10:21:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	360357	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	355527	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	170428	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	153630	5.63	ug/L	0.00
7) Chloroethane-d5	1.93	69	131294	5.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	255025	5.26	ug/L	0.00
20) 2-Butanone-d5	4.68	46	385327	51.45	ug/L	0.01
24) Chloroform-d	5.10	84	236826	5.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	133329	5.33	ug/L	0.00
32) Benzene-d6	5.76	84	500326	5.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	159345	5.10	ug/L	0.00
41) Toluene-d8	7.92	98	454726	5.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	65026	4.63	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	303361	42.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	126673	5.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	154054	5.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	151782	4.855	ug/L 100
3) Chloromethane	1.53	50	187755	4.858	ug/L 99
5) Vinyl chloride	1.62	62	181677	4.785	ug/L 98
6) Bromomethane	1.87	94	103294	4.738	ug/L 99
8) Chloroethane	1.95	64	109553	4.914	ug/L 99
9) Trichlorofluoromethane	2.16	101	186847	4.586	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	113991	4.805	ug/L 97
12) 1,1-Dichloroethene	2.60	96	116361	4.679	ug/L 93
13) Acetone	2.69	43	230521	46.687	ug/L 99
14) Carbon disulfide	2.82	76	407970	4.493	ug/L 99
15) Methyl Acetate	2.99	43	63767	4.645	ug/L 98
16) Methylene chloride	3.08	84	133627	4.766	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	318896	4.429	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	126315	4.685	ug/L 96
19) 1,1-Dichloroethane	3.91	63	247931	4.754	ug/L 98
21) 2-Butanone	4.76	43	411136	45.829	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	136986	4.703	ug/L 98
23) Bromochloromethane	5.01	128	58890	4.770	ug/L 98
25) Chloroform	5.13	83	231656	4.676	ug/L 98
27) 1,2-Dichloroethane	5.83	62	161439	4.821	ug/L 99
29) 1,1,1-Trichloroethane	5.35	97	189055	4.382	ug/L 99
30) Cyclohexane	5.42	56	222766	4.172	ug/L 97
31) Carbon tetrachloride	5.56	117	152652	4.441	ug/L 98
33) Benzene	5.81	78	532211	4.531	ug/L 100
34) Trichloroethene	6.57	95	130459	4.519	ug/L 98
35) Methylcyclohexane	6.79	83	212418	4.199	ug/L 98
37) 1,2-Dichloropropane	6.82	63	142916	4.587	ug/L 99
38) Bromodichloromethane	7.13	83	164328	4.436	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	207619	4.257	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	1003720	43.823	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	558960	4.543	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	173305	4.094	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	98473	4.691	ug/L	97
47) Tetrachloroethene	8.58	164	89417	4.310	ug/L	99
48) 2-Hexanone	8.71	43	738554	45.038	ug/L	98
49) Dibromochloromethane	8.83	129	103851	4.329	ug/L	96
50) 1,2-Dibromoethane	8.95	107	93155	4.614	ug/L	98
51) Chlorobenzene	9.47	112	343485	4.575	ug/L	100
52) Ethylbenzene	9.59	91	603592	4.409	ug/L	100
53) m,p-Xylene	9.71	106	230737	4.453	ug/L	98
54) o-Xylene	10.12	106	224834	4.409	ug/L	98
55) Styrene	10.13	104	380084	4.360	ug/L	100
56) Isopropylbenzene	10.50	105	579804	4.335	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	125118	4.578	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	96378	4.727	ug/L	100
61) Bromoform	10.31	173	53431	3.946	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	258930	4.536	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	266044	4.648	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	249162	4.637	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	20339	4.083	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	187483	4.479	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	170580	4.440	ug/L	98
69) Naphthalene	14.12	128	361223	4.642	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	160864	4.699	ug/L	99

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

