

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038032.D
 Acq On : 07 May 2020 11:30
 Operator : JC/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: May 07 11:48:10 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	364198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360799	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	180638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	686240	24.90	ug/L	0.00
7) Chloroethane-d5	1.93	69	578954	24.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	1130304	23.08	ug/L	0.00
20) 2-Butanone-d5	4.67	46	1648915	217.86	ug/L	0.00
24) Chloroform-d	5.10	84	1023983	23.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	562347	22.23	ug/L	0.00
32) Benzene-d6	5.76	84	2169413	22.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	702697	22.15	ug/L	0.00
41) Toluene-d8	7.92	98	1963304	22.18	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	290427	20.37	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	1349685	185.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	557444	22.27	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	691130	21.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	713239	22.575	ug/L 99
3) Chloromethane	1.53	50	820348	21.001	ug/L 98
5) Vinyl chloride	1.62	62	833909	21.730	ug/L 98
6) Bromomethane	1.87	94	463047	21.016	ug/L 100
8) Chloroethane	1.95	64	506400	22.474	ug/L 99
9) Trichlorofluoromethane	2.15	101	842046	20.449	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	529145	22.070	ug/L 99
12) 1,1-Dichloroethene	2.60	96	529097	21.052	ug/L 92
13) Acetone	2.67	43	976979	195.778	ug/L 99
14) Carbon disulfide	2.82	76	1883446	20.524	ug/L 100
15) Methyl Acetate	2.98	43	272780	19.660	ug/L 99
16) Methylene chloride	3.08	84	591745	20.884	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	1485661	20.414	ug/L 99
18) trans-1,2-Dichloroethene	3.38	96	574416	21.082	ug/L 98
19) 1,1-Dichloroethane	3.91	63	1103198	20.932	ug/L 99
21) 2-Butanone	4.75	43	1816309	200.326	ug/L 99
22) cis-1,2-Dichloroethene	4.70	96	623451	21.177	ug/L 100
23) Bromochloromethane	5.01	128	266929	21.392	ug/L 94
25) Chloroform	5.12	83	1037491	20.723	ug/L 98
27) 1,2-Dichloroethane	5.83	62	715169	21.134	ug/L 99
29) 1,1,1-Trichloroethane	5.35	97	871134	19.899	ug/L 100
30) Cyclohexane	5.42	56	1077858	19.892	ug/L 99
31) Carbon tetrachloride	5.56	117	710216	20.358	ug/L 99
33) Benzene	5.81	78	2398815	20.123	ug/L 100
34) Trichloroethene	6.57	95	592290	20.217	ug/L 98
35) Methylcyclohexane	6.79	83	1078230	21.000	ug/L 95
37) 1,2-Dichloropropane	6.82	63	640200	20.249	ug/L 99
38) Bromodichloromethane	7.13	83	765810	20.371	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	992770	20.060	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	4513524	194.184	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	2531455	20.273	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	844908	19.666	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	445229	20.898	ug/L	97
47) Tetrachloroethene	8.57	164	424027	20.142	ug/L	99
48) 2-Hexanone	8.71	43	3308102	198.784	ug/L	100
49) Dibromochloromethane	8.83	129	494687	20.317	ug/L	97
50) 1,2-Dibromoethane	8.94	107	423331	20.664	ug/L	100
51) Chlorobenzene	9.47	112	1573997	20.660	ug/L	100
52) Ethylbenzene	9.59	91	2867376	20.640	ug/L	100
53) m,p-Xylene	9.71	106	1099383	20.909	ug/L	99
54) o-Xylene	10.12	106	1075679	20.787	ug/L	100
55) Styrene	10.13	104	1848662	20.898	ug/L	100
56) Isopropylbenzene	10.50	105	2801375	20.638	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	575960	20.767	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	426186	20.596	ug/L	99
61) Bromoform	10.31	173	271047	18.885	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	1234089	20.397	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1222861	20.155	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	1153964	20.262	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	95346	18.060	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	916248	20.651	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	848192	20.828	ug/L	98
69) Naphthalene	14.11	128	1794430	21.758	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	764147	21.060	ug/L	99

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

