

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO072120\
 Data File : VX017452.D
 Acq On : 21 Jul 2020 12:51
 Operator : JC/SP
 Sample : VSTD02065
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02065

Quant Time: Jul 22 05:37:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	384571	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	357212	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	185587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	596049	25.89	ug/L	0.00
7) Chloroethane-d5	1.68	69	364775	18.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	1182893	24.46	ug/L	0.00
20) 2-Butanone-d5	4.53	46	1233255	203.77	ug/L	0.00
24) Chloroform-d	5.14	84	965124	20.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	521184	19.42	ug/L	0.00
32) Benzene-d6	6.05	84	1784346	20.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	532044	20.69	ug/L	0.00
41) Toluene-d8	8.70	98	1703576	20.91	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	259210	24.80	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	963193	218.78	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	438367	23.39	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	635530	20.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	958104	29.566	ug/L 99
3) Chloromethane	1.31	50	771975	24.286	ug/L 98
5) Vinyl chloride	1.39	62	792812	25.787	ug/L 99
6) Bromomethane	1.64	94	393911	23.251	ug/L 99
8) Chloroethane	1.70	64	397219	18.878	ug/L 99
9) Trichlorofluoromethane	1.91	101	1162276	27.095	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	610603	25.303	ug/L 98
12) 1,1-Dichloroethene	2.36	96	575639	25.397	ug/L 88
13) Acetone	2.43	43	925787	223.913	ug/L 99
14) Carbon disulfide	2.55	76	1801528	23.854	ug/L 99
15) Methyl Acetate	2.75	43	246874	25.139	ug/L 99
16) Methylene chloride	2.83	84	554452	20.594	ug/L 92
17) Methyl tert-butyl Ether	3.17	73	1438746	24.759	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	572894	23.217	ug/L 98
19) 1,1-Dichloroethane	3.67	63	1041689	22.287	ug/L 97
21) 2-Butanone	4.64	43	1579259	244.796	ug/L 98
22) cis-1,2-Dichloroethene	4.56	96	602679	23.102	ug/L # 98
23) Bromochloromethane	4.98	128	284715	25.295	ug/L 94
25) Chloroform	5.18	83	1080086	21.219	ug/L 96
27) 1,2-Dichloroethane	6.16	62	723521	22.592	ug/L 95
29) 1,1,1-Trichloroethane	5.46	97	1036753	25.063	ug/L 98
30) Cyclohexane	5.54	56	938501	23.269	ug/L 99
31) Carbon tetrachloride	5.76	117	964165	26.660	ug/L 98
33) Benzene	6.11	78	2213005	23.629	ug/L 100
34) Trichloroethene	7.19	95	610255	23.288	ug/L 93
35) Methylcyclohexane	7.44	83	949815	24.189	ug/L 97
37) 1,2-Dichloropropane	7.49	63	555263	22.972	ug/L 98
38) Bromodichloromethane	7.88	83	768661	25.545	ug/L 99
39) cis-1,3-Dichloropropene	8.42	75	868135	25.856	ug/L 97
40) 4-Methyl-2-pentanone	8.62	43	3682849	249.431	ug/L # 96

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42) Toluene	8.76	91	2380810	24.326	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	2290025	25.471	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	2301481	25.921	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	785318	27.609	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	390630	24.550	ug/L	97
49) Tetrachloroethene	9.32	164	514706	27.271	ug/L	98
50) 2-Hexanone	9.48	43	2777795	267.234	ug/L #	88
51) Dibromochloromethane	9.57	129	563096	30.473	ug/L	99
52) 1,2-Dibromoethane	9.65	107	428918	29.150	ug/L	100
53) Chlorobenzene	10.12	112	1533846	24.070	ug/L	100
54) Ethylbenzene	10.23	91	2670979	24.043	ug/L	97
55) m,p-xylene	10.34	106	1126607	27.044	ug/L	99
56) o-xylene	10.68	106	1025112	25.802	ug/L	98
57) Styrene	10.70	104	1730073	25.975	ug/L	97
58) Isopropylbenzene	11.00	105	2722359	25.156	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	502662	28.322	ug/L	93
62) Bromoform	10.84	173	336922	33.462	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	1248577	23.995	ug/L	94
64) 1,4-Dichlorobenzene	12.08	146	1249459	23.890	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	1201146	25.451	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	98244	29.859	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	1133758	28.520	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	876184	26.631	ug/L	99
70) Naphthalene	13.82	128	1653613	30.512	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	858972	29.109	ug/L	97

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

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