

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017450.D
 Acq On : 21 Jul 2020 12:03
 Operator : JC/SP
 Sample : VSTD00563
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00563

Quant Time: Jul 22 05:36:35 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	356364	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	358533	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	181137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142706	6.69	ug/L	0.00
7) Chloroethane-d5	1.69	69	98843	5.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	285381	6.37	ug/L	0.00
20) 2-Butanone-d5	4.54	46	309603	55.21	ug/L	0.00
24) Chloroform-d	5.14	84	251302	5.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	136129	5.47	ug/L	0.00
32) Benzene-d6	6.05	84	463970	5.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	126104	4.89	ug/L	0.00
41) Toluene-d8	8.70	98	439933	5.38	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	59755	5.70	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	215056	48.67	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	105312	5.60	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	157975	5.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	208147	6.932	ug/L 100
3) Chloromethane	1.31	50	183022	6.213	ug/L 100
5) Vinyl chloride	1.39	62	183909	6.455	ug/L 100
6) Bromomethane	1.64	94	90948	5.793	ug/L 100
8) Chloroethane	1.71	64	97904	5.021	ug/L 100
9) Trichlorofluoromethane	1.92	101	271883	6.840	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	149271	6.675	ug/L 100
12) 1,1-Dichloroethene	2.36	96	134097	6.385	ug/L 100
13) Acetone	2.42	43	233682	60.992	ug/L 100
14) Carbon disulfide	2.55	76	456071	6.517	ug/L 100
15) Methyl Acetate	2.75	43	61254	6.731	ug/L 100
16) Methylene chloride	2.83	84	149243	5.982	ug/L 100
17) Methyl tert-butyl Ether	3.17	73	328345	6.098	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	140630	6.150	ug/L 100
19) 1,1-Dichloroethane	3.67	63	250285	5.779	ug/L 100
21) 2-Butanone	4.64	43	390027	65.242	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	150663	6.232	ug/L 100
23) Bromochloromethane	4.98	128	68989	6.614	ug/L 100
25) Chloroform	5.18	83	264286	5.603	ug/L 100
27) 1,2-Dichloroethane	6.17	62	174555	5.882	ug/L 100
29) 1,1,1-Trichloroethane	5.46	97	250698	6.038	ug/L 100
30) Cyclohexane	5.55	56	221563	5.473	ug/L 100
31) Carbon tetrachloride	5.75	117	226006	6.226	ug/L 100
33) Benzene	6.11	78	558223	5.938	ug/L 100
34) Trichloroethene	7.18	95	143201	5.445	ug/L 100
35) Methylcyclohexane	7.44	83	211112	5.357	ug/L 100
37) 1,2-Dichloropropane	7.49	63	145776	6.009	ug/L 100
38) Bromodichloromethane	7.87	83	177028	5.861	ug/L 100
39) cis-1,3-Dichloropropene	8.42	75	200079	5.937	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	877150	59.188	ug/L # 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	563951	5.741	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	522042	5.785	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	501282	5.625	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	171893	6.021	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	92162	5.771	ug/L	100
49) Tetrachloroethene	9.32	164	115579	6.101	ug/L	100
50) 2-Hexanone	9.47	43	632389	60.614	ug/L #	88
51) Dibromochloromethane	9.57	129	122865	6.625	ug/L	100
52) 1,2-Dibromoethane	9.65	107	88885	6.018	ug/L	100
53) Chlorobenzene	10.12	112	373385	5.838	ug/L	100
54) Ethylbenzene	10.24	91	630036	5.651	ug/L	100
55) m,p-xylene	10.34	106	250862	6.000	ug/L	100
56) o-xylene	10.68	106	232425	5.829	ug/L	100
57) Styrene	10.70	104	406741	6.084	ug/L	100
58) Isopropylbenzene	11.00	105	623139	5.737	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	120208	6.748	ug/L	100
62) Bromoform	10.84	173	78370	7.975	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	301447	5.936	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	294986	5.779	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	272483	5.916	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.98	75	22771	7.091	ug/L	100
68) 1,3,5-Trichlorobenzene	13.15	180	258487	6.662	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	190046	5.918	ug/L	100
70) Naphthalene	13.82	128	352394	6.662	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	182157	6.325	ug/L	100

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

