

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020504.D
 Acq On : 05 Jan 2021 17:42
 Operator : JC/MD
 Sample : VSTD02066
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD020306

Quant Time: Jan 06 04:39:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:37:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	166828	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	160046	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	85929	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	265281	23.65	ug/L	0.00
7) Chloroethane-d5	1.69	69	226735	23.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	540645	24.50	ug/L	0.00
20) 2-Butanone-d5	4.54	46	614814	252.39	ug/L	0.01
24) Chloroform-d	5.14	84	531316	24.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	253212	21.45	ug/L	0.00
32) Benzene-d6	6.04	84	1095298	24.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	323254	25.02	ug/L	0.00
41) Toluene-d8	8.70	98	1005443	22.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	125400	23.55	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	577359	243.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	232508	23.88	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	340004	21.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	377306	25.819	ug/L 99
3) Chloromethane	1.31	50	323284	25.748	ug/L 100
5) Vinyl chloride	1.39	62	359439	25.557	ug/L 99
6) Bromomethane	1.64	94	203474	23.142	ug/L 99
8) Chloroethane	1.71	64	203483	23.950	ug/L 99
9) Trichlorofluoromethane	1.92	101	460703	23.143	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	268147	23.739	ug/L 98
12) 1,1-Dichloroethene	2.36	96	263459	23.969	ug/L 96
13) Acetone	2.43	43	350098	247.800	ug/L 99
14) Carbon disulfide	2.54	76	890531	25.615	ug/L 100
15) Methyl Acetate	2.75	43	96370	25.690	ug/L 100
16) Methylene chloride	2.83	84	286364	21.607	ug/L 99
17) Methyl tert-butyl Ether	3.17	73	635967	24.578	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	293288	25.140	ug/L 100
19) 1,1-Dichloroethane	3.67	63	510704	25.377	ug/L 99
21) 2-Butanone	4.64	43	623184	254.510	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	316130	25.406	ug/L 97
23) Bromochloromethane	4.98	128	132340	25.437	ug/L 99
25) Chloroform	5.17	83	535237	25.426	ug/L 99
27) 1,2-Dichloroethane	6.16	62	310170	23.959	ug/L 100
29) 1,1,1-Trichloroethane	5.46	97	468875	23.463	ug/L 99
30) Cyclohexane	5.54	56	488471	24.727	ug/L 99
31) Carbon tetrachloride	5.75	117	410430	23.954	ug/L 99
33) Benzene	6.11	78	1200945	24.318	ug/L 100
34) Trichloroethene	7.18	95	310508	23.527	ug/L 97
35) Methylcyclohexane	7.44	83	518363	24.421	ug/L 97
37) 1,2-Dichloropropane	7.49	63	286600	24.573	ug/L 99
38) Bromodichloromethane	7.87	83	366667	24.500	ug/L 100
39) cis-1,3-Dichloropropene	8.42	75	450377	25.942	ug/L 97
40) 4-Methyl-2-pentanone	8.62	43	1594308	259.975	ug/L 99

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42) Toluene	8.76	91	1305365	24.688	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	378291	25.896	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	206002	24.464	ug/L	99
47) Tetrachloroethene	9.32	164	257100	24.958	ug/L	97
48) 2-Hexanone	9.47	43	1005545	232.475	ug/L	97
49) Dibromochloromethane	9.56	129	231280	23.780	ug/L	99
50) 1,2-Dibromoethane	9.65	107	180653	23.110	ug/L	95
51) Chlorobenzene	10.12	112	763613	23.034	ug/L	98
52) Ethylbenzene	10.23	91	1380328	23.773	ug/L	99
53) m,p-xylene	10.34	106	534563	23.955	ug/L	92
54) o-xylene	10.68	106	521733	24.541	ug/L	96
55) Styrene	10.70	104	891042	25.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	233283	24.406	ug/L	99
59) Bromoform	10.84	173	130955	23.233	ug/L	96
60) Isopropylbenzene	11.00	105	1388788	22.278	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	171452	22.270	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	1195891	23.130	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	1232300	23.480	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	626356	22.361	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	626733	22.230	ug/L	99
67) 1,2-Dichlorobenzene	12.37	146	582684	22.603	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	38334	22.150	ug/L	93
69) 1,3,5-Trichlorobenzene	13.15	180	489065	23.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	422648	23.754	ug/L	98
71) Naphthalene	13.82	128	758665	24.348	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	375971	23.745	ug/L	98

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

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