

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020503.D
 Acq On : 05 Jan 2021 17:19
 Operator : JC/MD
 Sample : VSTD01065
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010305

Quant Time: Jan 06 04:39:30 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	6.83	114	164563	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	167017	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	86600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	134506	12.16	ug/L	0.00
7) Chloroethane-d5	1.69	69	117056	12.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	274313	12.60	ug/L	0.00
20) 2-Butanone-d5	4.53	46	301376	125.42	ug/L	0.00
24) Chloroform-d	5.14	84	267384	12.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	128266	11.01	ug/L	0.00
32) Benzene-d6	6.04	84	548334	11.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	167353	12.41	ug/L	0.00
41) Toluene-d8	8.70	98	509128	11.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	60820	10.95	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	293166	118.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	117865	11.60	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	174146	10.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	192412	13.348	ug/L 100
3) Chloromethane	1.31	50	161506	13.040	ug/L 99
5) Vinyl chloride	1.39	62	179486	12.937	ug/L 99
6) Bromomethane	1.64	94	98325	11.337	ug/L 99
8) Chloroethane	1.71	64	105134	12.544	ug/L 98
9) Trichlorofluoromethane	1.92	101	230102	11.718	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	139334	12.505	ug/L 99
12) 1,1-Dichloroethene	2.36	96	132007	12.175	ug/L 99
13) Acetone	2.43	43	172258	123.603	ug/L 100
14) Carbon disulfide	2.55	76	439394	12.813	ug/L 99
15) Methyl Acetate	2.75	43	47211	12.759	ug/L 100
16) Methylene chloride	2.83	84	144205	11.031	ug/L 99
17) Methyl tert-butyl Ether	3.17	73	306402	12.004	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	145103	12.609	ug/L 99
19) 1,1-Dichloroethane	3.67	63	256208	12.906	ug/L 98
21) 2-Butanone	4.64	43	303060	125.474	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	154068	12.552	ug/L 99
23) Bromochloromethane	4.98	128	65738	12.809	ug/L 96
25) Chloroform	5.17	83	267116	12.864	ug/L 98
27) 1,2-Dichloroethane	6.16	62	154991	12.137	ug/L 98
29) 1,1,1-Trichloroethane	5.46	97	234098	11.226	ug/L 99
30) Cyclohexane	5.54	56	235141	11.406	ug/L 100
31) Carbon tetrachloride	5.75	117	200348	11.205	ug/L 99
33) Benzene	6.11	78	602926	11.699	ug/L 100
34) Trichloroethene	7.18	95	157624	11.445	ug/L 98
35) Methylcyclohexane	7.44	83	260705	11.769	ug/L 97
37) 1,2-Dichloropropane	7.49	63	150313	12.350	ug/L 99
38) Bromodichloromethane	7.87	83	182301	11.673	ug/L 98
39) cis-1,3-Dichloropropene	8.42	75	210672	11.628	ug/L 98
40) 4-Methyl-2-pentanone	8.62	43	772508	120.711	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	655596	11.881	ug/L	96
44) trans-1,3-Dichloropropene	9.02	75	180854	11.864	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	101366	11.536	ug/L	99
47) Tetrachloroethene	9.32	164	125732	11.696	ug/L	97
48) 2-Hexanone	9.47	43	540787	119.808	ug/L	99
49) Dibromochloromethane	9.56	129	116519	11.480	ug/L	97
50) 1,2-Dibromoethane	9.65	107	93954	11.517	ug/L	97
51) Chlorobenzene	10.12	112	400239	11.569	ug/L	99
52) Ethylbenzene	10.23	91	706117	11.654	ug/L	100
53) m,p-xylene	10.34	106	272006	11.680	ug/L	95
54) o-xylene	10.68	106	259403	11.693	ug/L	100
55) Styrene	10.70	104	442435	12.063	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	117148	11.744	ug/L	97
59) Bromoform	10.84	173	64633	11.378	ug/L	99
60) Isopropylbenzene	11.00	105	685861	10.917	ug/L	100
61) 1,2,3-Trichloropropane	11.27	75	85765	11.054	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	571202	10.962	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	560112	10.589	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	309232	10.954	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	306015	10.770	ug/L	98
67) 1,2-Dichlorobenzene	12.37	146	285605	10.993	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	18162	10.413	ug/L	91
69) 1,3,5-Trichlorobenzene	13.15	180	246117	11.892	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	196282	10.946	ug/L	96
71) Naphthalene	13.82	128	356805	11.362	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	189292	11.862	ug/L	96

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

