

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020508.D
 Acq On : 05 Jan 2021 20:04
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005309

Quant Time: Jan 06 04:57:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:56:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	164890	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	165187	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	86061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61618	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.69	69	54134	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.34	63	126704	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	4.54	46	140201	48.78	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.56%
24) Chloroform-d	5.14	84	123951	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	6.03	65	60089	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	6.04	84	250769	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	7.37	67	74228	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	8.70	98	223796	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.99	79	26450	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	9.43	63	132596	52.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.50%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	54021	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.36	152	78820	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	89786	5.024	ug/L	99
3) Chloromethane	1.31	50	77142	4.950	ug/L	98
5) Vinyl chloride	1.39	62	84049	4.966	ug/L	100
6) Bromomethane	1.64	94	46720	5.115	ug/L	98
8) Chloroethane	1.72	64	50172	4.996	ug/L	99
9) Trichlorofluoromethane	1.92	101	109428	5.040	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	64827	5.191	ug/L	99
12) 1,1-Dichloroethene	2.36	96	62618	5.147	ug/L	100
13) Acetone	2.43	43	84640	50.841	ug/L	100
14) Carbon disulfide	2.55	76	204092	4.954	ug/L	99
15) Methyl Acetate	2.75	43	22832	4.858	ug/L	99
16) Methylene chloride	2.83	84	69977	4.630	ug/L	98
17) Methyl tert-butyl Ether	3.17	73	140273	5.057	ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	67485	4.992	ug/L	99
19) 1,1-Dichloroethane	3.67	63	120288	5.006	ug/L	99
21) 2-Butanone	4.64	43	144501	50.863	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	71792	5.078	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	31547	5.027	ug/L	97
25) Chloroform	5.17	83	127155	5.021	ug/L	97
27) 1,2-Dichloroethane	6.16	62	74750	5.145	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	109344	4.994	ug/L	100
30) Cyclohexane	5.54	56	104530	5.050	ug/L	99
31) Carbon tetrachloride	5.76	117	92580	4.928	ug/L	100
33) Benzene	6.11	78	282576	5.009	ug/L	100
34) Trichloroethene	7.18	95	71507	4.895	ug/L	97
35) Methylcyclohexane	7.44	83	109160	4.951	ug/L	99
37) 1,2-Dichloropropane	7.49	63	68593	4.928	ug/L	99
38) Bromodichloromethane	7.87	83	83776	4.926	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	91703	4.861	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	350072	51.378	ug/L	99
42) Toluene	8.76	91	297034	5.060	ug/L	97
44) trans-1,3-Dichloropropene	9.02	75	79311	5.002	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	49349	5.025	ug/L	99
47) Tetrachloroethene	9.32	164	57576	4.859	ug/L	96
48) 2-Hexanone	9.47	43	260601	55.458	ug/L	99
49) Dibromochloromethane	9.56	129	56104	5.258	ug/L	99
50) 1,2-Dibromoethane	9.65	107	45592	5.176	ug/L	99
51) Chlorobenzene	10.12	112	186691	5.076	ug/L	100
52) Ethylbenzene	10.23	91	324263	5.309	ug/L	99
53) m,p-xylene	10.34	106	124227	5.350	ug/L	92
54) o-xylene	10.68	106	119381	5.397	ug/L	97
55) Styrene	10.70	104	200861	5.406	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.25	83	53697	4.904	ug/L	99
59) Bromoform	10.84	173	29295	4.930	ug/L	96
60) Isopropylbenzene	11.00	105	312397	5.243	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	39699	4.781	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	252016	5.249	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	259189	5.397	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	144598	5.022	ug/L	95
65) 1,4-Dichlorobenzene	12.08	146	145178	4.991	ug/L	98
67) 1,2-Dichlorobenzene	12.37	146	135021	5.033	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	8452	4.742	ug/L	90
69) 1,3,5-Trichlorobenzene	13.15	180	108662	4.965	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	83968	4.813	ug/L	96
71) Naphthalene	13.82	128	143099	4.997	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	81520	5.049	ug/L	95

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

