

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103020\
 Data File : VX019181.D
 Acq On : 29 Oct 2020 10:00
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005309

Quant Time: Oct 30 07:54:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 15:21:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	210799	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	188015	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	91264	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65345	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.70	69	53886	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.34	63	130138	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.56	46	148620	49.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	5.14	84	125087	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	6.03	65	66244	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	6.04	84	248667	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	7.37	67	72003	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	8.70	98	237245	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.99	79	31399	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	9.43	63	135720	49.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.20%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	55225	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	12.36	152	82686	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	86929	4.988	ug/L 100
3) Chloromethane	1.31	50	76144	5.063	ug/L 99
5) Vinyl chloride	1.39	62	85434	5.044	ug/L 100
6) Bromomethane	1.64	94	53729	4.923	ug/L 95
8) Chloroethane	1.72	64	50669	4.935	ug/L 99
9) Trichlorofluoromethane	1.92	101	122976	5.029	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	71236	5.126	ug/L 98
12) 1,1-Dichloroethene	2.36	96	67880	5.022	ug/L 91
13) Acetone	2.46	43	86604	50.964	ug/L 97
14) Carbon disulfide	2.55	76	209136	4.988	ug/L 99
15) Methyl Acetate	2.76	43	23330	5.146	ug/L 99
16) Methylene chloride	2.83	84	68362	4.241	ug/L 92
17) Methyl tert-butyl Ether	3.17	73	158591	4.900	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	71338	5.016	ug/L 98
19) 1,1-Dichloroethane	3.67	63	120509	4.950	ug/L 99
21) 2-Butanone	4.66	43	146967	49.244	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	75432	4.980	ug/L 97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	31919	5.068	ug/L	93
25) Chloroform	5.17	83	126689	5.005	ug/L	95
27) 1,2-Dichloroethane	6.15	62	78501	4.956	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	117811	5.076	ug/L	99
30) Cyclohexane	5.54	56	114277	4.938	ug/L	99
31) Carbon tetrachloride	5.74	117	100973	5.106	ug/L	100
33) Benzene	6.10	78	281122	5.020	ug/L	100
34) Trichloroethene	7.18	95	76904	5.021	ug/L	98
35) Methylcyclohexane	7.43	83	124435	5.024	ug/L	99
37) 1,2-Dichloropropane	7.48	63	65923	4.993	ug/L	100
38) Bromodichloromethane	7.87	83	87334	5.081	ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	102118	5.036	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	359424	50.988	ug/L	100
42) Toluene	8.76	91	306137	5.060	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	87533	5.155	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	47631	4.944	ug/L	97
47) Tetrachloroethene	9.32	164	58056	4.966	ug/L	95
48) 2-Hexanone	9.47	43	255238	51.765	ug/L	98
49) Dibromochloromethane	9.56	129	57499	5.156	ug/L	99
50) 1,2-Dibromoethane	9.65	107	45046	5.041	ug/L	97
51) Chlorobenzene	10.12	112	192948	5.038	ug/L	98
52) Ethylbenzene	10.23	91	342981	5.068	ug/L	99
53) m,p-xylene	10.34	106	129462	4.986	ug/L	99
54) o-xylene	10.68	106	125229	5.034	ug/L	95
55) Styrene	10.70	104	210043	5.168	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	55299	5.036	ug/L	96
59) Bromoform	10.84	173	30187	5.038	ug/L	99
60) Isopropylbenzene	11.00	105	342374	5.107	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	41069	5.016	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	287954	5.130	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	294898	5.182	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	151892	5.101	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	150022	5.045	ug/L	99
67) 1,2-Dichlorobenzene	12.37	146	138796	5.070	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	9403	5.021	ug/L	99
69) 1,3,5-Trichlorobenzene	13.15	180	115400	5.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	96040	5.034	ug/L	98
71) Naphthalene	13.82	128	169695	4.946	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	84622	5.027	ug/L	98

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

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