

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX110120\
 Data File : VX019197.D
 Acq On : 30 Oct 2020 10:01
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005311

Quant Time: Oct 30 14:02:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 30 08:55:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	203553	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	186037	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	89207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62364	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.70	69	52514	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.34	63	125955	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	4.56	46	149078	51.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.60%
24) Chloroform-d	5.13	84	122332	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	6.03	65	65764	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	6.04	84	241222	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	7.37	67	69719	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	8.70	98	232576	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.99	79	30638	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	9.43	63	138460	51.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.28%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	54137	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
66) 1,2-Dichlorobenzene-d4	12.36	152	80948	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	83627	4.969	ug/L 100
3) Chloromethane	1.31	50	74404	5.123	ug/L 98
5) Vinyl chloride	1.39	62	83277	5.092	ug/L 95
6) Bromomethane	1.64	94	50246	4.768	ug/L 94
8) Chloroethane	1.72	64	49781	5.021	ug/L 98
9) Trichlorofluoromethane	1.92	101	120296	5.094	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	69351	5.168	ug/L 99
12) 1,1-Dichloroethene	2.36	96	66321	5.081	ug/L 90
13) Acetone	2.47	43	83832	51.089	ug/L 100
14) Carbon disulfide	2.55	76	202482	5.001	ug/L 100
15) Methyl Acetate	2.76	43	22872	5.224	ug/L 98
16) Methylene chloride	2.83	84	67512	4.337	ug/L 93
17) Methyl tert-butyl Ether	3.17	73	157641	5.044	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	68540	4.991	ug/L 99
19) 1,1-Dichloroethane	3.67	63	119354	5.077	ug/L 99
21) 2-Butanone	4.67	43	143605	49.831	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	72900	4.984	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	30773	5.060	ug/L	97
25) Chloroform	5.17	83	124810	5.106	ug/L	96
27) 1,2-Dichloroethane	6.16	62	78446	5.129	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	114105	4.968	ug/L	100
30) Cyclohexane	5.54	56	112806	4.927	ug/L	99
31) Carbon tetrachloride	5.74	117	98544	5.036	ug/L	100
33) Benzene	6.11	78	274746	4.958	ug/L	100
34) Trichloroethene	7.18	95	73827	4.872	ug/L	94
35) Methylcyclohexane	7.43	83	122864	5.013	ug/L	99
37) 1,2-Dichloropropane	7.48	63	66299	5.075	ug/L	100
38) Bromodichloromethane	7.87	83	84842	4.989	ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	101197	5.044	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	360448	51.677	ug/L	100
42) Toluene	8.76	91	298327	4.984	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	87031	5.180	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	46751	4.905	ug/L	98
47) Tetrachloroethene	9.32	164	57019	4.929	ug/L	96
48) 2-Hexanone	9.47	43	255955	52.462	ug/L	99
49) Dibromochloromethane	9.56	129	56421	5.113	ug/L	96
50) 1,2-Dibromoethane	9.65	107	44522	5.036	ug/L	93
51) Chlorobenzene	10.12	112	188111	4.964	ug/L	99
52) Ethylbenzene	10.23	91	332338	4.963	ug/L	99
53) m,p-xylene	10.34	106	127574	4.965	ug/L	98
54) o-xylene	10.68	106	123362	5.012	ug/L	98
55) Styrene	10.70	104	204470	5.084	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	54673	5.032	ug/L	99
59) Bromoform	10.84	173	29779	5.085	ug/L	99
60) Isopropylbenzene	11.00	105	332966	5.081	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	41439	5.177	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	281731	5.135	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	286973	5.159	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	144816	4.975	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	146445	5.038	ug/L	98
67) 1,2-Dichlorobenzene	12.37	146	135738	5.073	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	9008	4.921	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	112378	5.259	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	94629	5.074	ug/L	99
71) Naphthalene	13.82	128	170483	5.083	ug/L	100
72) 1,2,3-Trichlorobenzene	14.01	180	82600	5.020	ug/L	99

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

