

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092220\
 Data File : VX018534.D
 Acq On : 23 Sep 2020 11:25
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005308

Quant Time: Sep 24 00:40:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 23 05:08:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	307667	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	290347	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	151109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	82123	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.70	69	64651	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.34	63	175256	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.54	46	200596	50.93	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	5.14	84	177121	4.98	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	6.03	65	97126	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	6.04	84	335896	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	7.37	67	98841	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	8.70	98	328935	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	8.99	79	43560	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	9.43	63	163222	52.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.36%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	72292	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.36	152	119809	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	98207	5.473 ug/L	100
3) Chloromethane	1.31	50	82602	5.386 ug/L	97
5) Vinyl chloride	1.39	62	84517	5.331 ug/L	97
6) Bromomethane	1.64	94	51242	5.345 ug/L	100
8) Chloroethane	1.72	64	48161	5.422 ug/L	97
9) Trichlorofluoromethane	1.92	101	146811	5.592 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	80899	5.391 ug/L	100
12) 1,1-Dichloroethene	2.36	96	73750	5.290 ug/L	98
13) Acetone	2.44	43	121169	54.986 ug/L	99
14) Carbon disulfide	2.55	76	231958	5.225 ug/L	95
15) Methyl Acetate	2.76	43	28591	5.188 ug/L #	85
16) Methylene chloride	2.83	84	77268	4.119 ug/L	90
17) Methyl tert-butyl Ether	3.17	73	168978	5.370 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	76006	5.268 ug/L	94
19) 1,1-Dichloroethane	3.67	63	140800	5.465 ug/L	97
21) 2-Butanone	4.64	43	191421	59.100 ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	80949	5.435 ug/L #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.98	128	37512	5.126	ug/L #	85
25) Chloroform	5.18	83	148562	5.274	ug/L	98
27) 1,2-Dichloroethane	6.16	62	95197	5.320	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	142344	5.443	ug/L	98
30) Cyclohexane	5.55	56	117497	5.464	ug/L	98
31) Carbon tetrachloride	5.75	117	132785	5.685	ug/L	96
33) Benzene	6.11	78	298763	5.603	ug/L	100
34) Trichloroethene	7.19	95	84280	5.579	ug/L	95
35) Methylcyclohexane	7.44	83	117653	5.520	ug/L	97
37) 1,2-Dichloropropane	7.49	63	75289	5.481	ug/L	99
38) Bromodichloromethane	7.87	83	103465	5.419	ug/L	97
39) cis-1,3-Dichloropropene	8.42	75	110355	5.464	ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	444825	58.347	ug/L	98
42) Toluene	8.76	91	328625	5.748	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	100679	5.528	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	56596	5.732	ug/L	92
47) Tetrachloroethene	9.32	164	69682	5.554	ug/L	86
48) 2-Hexanone	9.47	43	328574	58.960	ug/L	98
49) Dibromochloromethane	9.56	129	71952	5.508	ug/L	88
50) 1,2-Dibromoethane	9.65	107	53545	5.695	ug/L #	87
51) Chlorobenzene	10.12	112	213917	5.665	ug/L	95
52) Ethylbenzene	10.23	91	350419	5.703	ug/L	95
53) m,p-xylene	10.34	106	137943	5.859	ug/L	96
54) o-xylene	10.68	106	129829	5.927	ug/L	92
55) Styrene	10.70	104	220847	5.912	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	61681	5.499	ug/L	96
59) Bromoform	10.84	173	42774	5.285	ug/L	95
60) Isopropylbenzene	11.00	105	357930	5.806	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	48888	5.302	ug/L	95
62) 1,3,5-Trimethylbenzene	11.49	105	292412	5.843	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	296133	5.825	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	176128	5.597	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	173563	5.410	ug/L	98
67) 1,2-Dichlorobenzene	12.38	146	162072	5.513	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	12238	4.825	ug/L	85
69) 1,3,5-Trichlorobenzene	13.15	180	129305	5.592	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	103397	5.385	ug/L	92
71) Naphthalene	13.82	128	175373	5.497	ug/L	98
72) 1,2,3-Trichlorobenzene	14.00	180	99440	5.727	ug/L	96

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

