

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092220\
 Data File : VX018532.D
 Acq On : 22 Sep 2020 20:19
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

Quant Time: Sep 23 05:16:39 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	282856	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	270547	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	140380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77228	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.70	69	62140	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.34	63	170356	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.56	46	186145	51.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	5.14	84	167455	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	6.03	65	91832	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	6.04	84	315176	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	7.37	67	96176	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	8.70	98	306957	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.99	79	41375	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	9.43	63	155869	53.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.96%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	71312	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	113367	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	85820	5.203	ug/L	98
3) Chloromethane	1.31	50	71526	5.073	ug/L	100
5) Vinyl chloride	1.39	62	73626	5.052	ug/L	97
6) Bromomethane	1.64	94	45082	5.115	ug/L	97
8) Chloroethane	1.72	64	42078	5.152	ug/L	98
9) Trichlorofluoromethane	1.92	101	125810	5.212	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	69509	5.038	ug/L	97
12) 1,1-Dichloroethene	2.36	96	65897	5.142	ug/L	99
13) Acetone	2.45	43	96627	47.695	ug/L	94
14) Carbon disulfide	2.55	76	211857	5.191	ug/L	95
15) Methyl Acetate	2.76	43	25722	5.076	ug/L #	91
16) Methylene chloride	2.84	84	71063	4.120	ug/L	95
17) Methyl tert-butyl Ether	3.17	73	153419	5.303	ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	65060	4.905	ug/L	94
19) 1,1-Dichloroethane	3.67	63	118447	5.001	ug/L	97
21) 2-Butanone	4.67	43	160714	53.972	ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	68010	4.966	ug/L #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	33170	4.930	ug/L	96
25) Chloroform	5.18	83	126414	4.881	ug/L	98
27) 1,2-Dichloroethane	6.16	62	84598	5.143	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	123971	5.088	ug/L	97
30) Cyclohexane	5.55	56	101309	5.056	ug/L	99
31) Carbon tetrachloride	5.76	117	113411	5.211	ug/L	98
33) Benzene	6.11	78	261541	5.264	ug/L	100
34) Trichloroethene	7.19	95	73035	5.189	ug/L	94
35) Methylcyclohexane	7.44	83	103317	5.203	ug/L	100
37) 1,2-Dichloropropane	7.49	63	63025	4.924	ug/L	100
38) Bromodichloromethane	7.88	83	90399	5.082	ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	95804	5.091	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	393750	55.428	ug/L	99
42) Toluene	8.77	91	279919	5.254	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	87563	5.160	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	47584	5.172	ug/L	96
47) Tetrachloroethene	9.32	164	57735	4.939	ug/L	91
48) 2-Hexanone	9.48	43	288821	55.619	ug/L	100
49) Dibromochloromethane	9.57	129	63511	5.218	ug/L	97
50) 1,2-Dibromoethane	9.65	107	47083	5.374	ug/L #	86
51) Chlorobenzene	10.12	112	187281	5.323	ug/L	97
52) Ethylbenzene	10.24	91	305038	5.327	ug/L	97
53) m,p-xylene	10.34	106	117762	5.367	ug/L	99
54) o-xylene	10.68	106	111488	5.462	ug/L	97
55) Styrene	10.70	104	191441	5.500	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	56128	5.370	ug/L #	99
59) Bromoform	10.84	173	35336	4.700	ug/L	98
60) Isopropylbenzene	11.00	105	304387	5.314	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	41315	4.823	ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	243056	5.228	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	253673	5.371	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	150732	5.156	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	151616	5.087	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	139994	5.126	ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.98	75	10746	4.561	ug/L	94
69) 1,3,5-Trichlorobenzene	13.15	180	109976	5.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	92977	5.212	ug/L	98
71) Naphthalene	13.82	128	157054	5.299	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	83101	5.152	ug/L	97

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

