

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092220\
 Data File : VX018531.D
 Acq On : 22 Sep 2020 19:55
 Operator : JC/SP
 Sample : VSTD02065
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD020305

Quant Time: Sep 23 03:52:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 23 03:43:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	310073	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	295933	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	149609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	330809	26.50	ug/L	0.00
7) Chloroethane-d5	1.70	69	260567	26.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	735833	30.10	ug/L	0.00
20) 2-Butanone-d5	4.56	46	828455	306.08	ug/L	0.00
24) Chloroform-d	5.14	84	721834	24.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	385159	21.81	ug/L	0.00
32) Benzene-d6	6.05	84	1367118	18.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	407867	19.27	ug/L	0.00
41) Toluene-d8	8.70	98	1339417	18.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	179479	19.84	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	723272	230.10	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	306735	19.48	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	497496	19.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	366672	13.226 ug/L	99
3) Chloromethane	1.31	50	302320	22.534 ug/L	98
5) Vinyl chloride	1.39	62	315913	22.699 ug/L	98
6) Bromomethane	1.64	94	188024	22.642 ug/L	100
8) Chloroethane	1.72	64	176153	23.521 ug/L	99
9) Trichlorofluoromethane	1.92	101	535381	19.753 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	308117	25.179 ug/L	99
12) 1,1-Dichloroethene	2.36	96	283527	25.527 ug/L	93
13) Acetone	2.46	43	423670	269.584 ug/L	99
14) Carbon disulfide	2.55	76	888317	16.272 ug/L	97
15) Methyl Acetate	2.76	43	108851	19.866 ug/L	# 91
16) Methylene chloride	2.84	84	277691	13.480 ug/L	89
17) Methyl tert-butyl Ether	3.17	73	667247	16.172 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	287835	14.498 ug/L	94
19) 1,1-Dichloroethane	3.67	63	519258	15.840 ug/L	98
21) 2-Butanone	4.66	43	706328	262.288 ug/L	99
22) cis-1,2-Dichloroethene	4.57	96	297987	14.230 ug/L	93
23) Bromochloromethane	4.99	128	140778	15.842 ug/L	97
25) Chloroform	5.17	83	561103	12.452 ug/L	96
27) 1,2-Dichloroethane	6.17	62	358281	17.775 ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	541366	15.710 ug/L	96
30) Cyclohexane	5.55	56	471791	14.989 ug/L	100
31) Carbon tetrachloride	5.76	117	499749	16.676 ug/L	97
33) Benzene	6.11	78	1145997	14.896 ug/L	100
34) Trichloroethene	7.19	95	315663	14.394 ug/L	95
35) Methylcyclohexane	7.44	83	489093	13.741 ug/L	96
37) 1,2-Dichloropropane	7.49	63	284114	15.592 ug/L	98
38) Bromodichloromethane	7.87	83	389098	15.052 ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	446266	15.710 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	1749624	193.721 ug/L	98

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

42) Toluene	8.76	91	1264668	15.113	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	400881	17.267	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	202660	14.990	ug/L	95
47) Tetrachloroethene	9.32	164	254174	14.611	ug/L	96
48) 2-Hexanone	9.48	43	1292703	197.805	ug/L	99
49) Dibromochloromethane	9.57	129	280566	16.015	ug/L	95
50) 1,2-Dibromoethane	9.65	107	203471	15.719	ug/L #	93
51) Chlorobenzene	10.12	112	794377	14.286	ug/L	97
52) Ethylbenzene	10.24	91	1383174	14.585	ug/L	97
53) m,p-xylene	10.34	106	535426	14.731	ug/L	99
54) o-xylene	10.68	106	516192	14.829	ug/L	97
55) Styrene	10.70	104	879571	15.244	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	241950	15.803	ug/L	99
59) Bromoform	10.84	173	164527	17.956	ug/L	97
60) Isopropylbenzene	11.00	105	1408660	14.738	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	177181	15.781	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	1214935	15.338	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	1230657	15.775	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	671950	14.786	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	660098	14.846	ug/L	98
67) 1,2-Dichlorobenzene	12.38	146	608269	15.152	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	47202	17.379	ug/L	86
69) 1,3,5-Trichlorobenzene	13.15	180	496759	14.928	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	441805	15.938	ug/L	97
71) Naphthalene	13.82	128	778171	16.557	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	381815	15.619	ug/L	99

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

