

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018738.D
 Acq On : 02 Oct 2020 10:20
 Operator : JC/SP
 Sample : VSTD0.564
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.564

Quant Time: Oct 02 11:53:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 11:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	194468	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	186958	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	93427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	5921	0.46	ug/L	0.00
7) Chloroethane-d5	1.70	69	4458	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	12560	0.47	ug/L	0.00
20) 2-Butanone-d5	4.56	46	13564	4.02	ug/L	0.00
24) Chloroform-d	5.14	84	13077	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	8707	0.58	ug/L	0.00
32) Benzene-d6	6.04	84	20863	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	6364	0.42	ug/L	0.00
41) Toluene-d8	8.70	98	20287	0.43	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	3088	0.45	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	9545	3.51	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	4966	0.42	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	8026	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	5641	0.273 ug/L	# 75
3) Chloromethane	1.31	50	4509	0.272 ug/L	95
5) Vinyl chloride	1.39	62	4682	0.280 ug/L	97
6) Bromomethane	1.64	94	3036	0.313 ug/L	80
8) Chloroethane	1.72	64	3284	0.349 ug/L	97
9) Trichlorofluoromethane	1.92	101	9960	0.357 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	5375	0.364 ug/L	96
12) 1,1-Dichloroethene	2.36	96	4490	0.328 ug/L	85
13) Acetone	2.45	43	8006	3.344 ug/L	74
14) Carbon disulfide	2.55	76	14658	0.300 ug/L	# 93
15) Methyl Acetate	2.75	43	2680	0.385 ug/L	99
16) Methylene chloride	2.84	84	7566	0.396 ug/L	92
17) Methyl tert-butyl Ether	3.17	73	11178	0.305 ug/L	# 90
18) trans-1,2-Dichloroethene	3.14	96	5030	0.323 ug/L	80
19) 1,1-Dichloroethane	3.67	63	8405	0.304 ug/L	# 94
21) 2-Butanone	4.67	43	11427	2.829 ug/L	90
22) cis-1,2-Dichloroethene	4.57	96	4899	0.302 ug/L	# 94
23) Bromochloromethane	4.98	128	2683	0.352 ug/L	75
25) Chloroform	5.17	83	9925	0.328 ug/L	98
27) 1,2-Dichloroethane	6.17	62	7305	0.374 ug/L	96
29) 1,1,1-Trichloroethane	5.46	97	10347	0.358 ug/L	98
30) Cyclohexane	5.55	56	6994	0.290 ug/L	99
31) Carbon tetrachloride	5.76	117	8524	0.319 ug/L	90
33) Benzene	6.12	78	17036	0.282 ug/L	100
34) Trichloroethene	7.18	95	4981	0.280 ug/L	90
35) Methylcyclohexane	7.43	83	6492	0.261 ug/L	94
37) 1,2-Dichloropropane	7.50	63	5181	0.343 ug/L	# 89
38) Bromodichloromethane	7.87	83	7248	0.337 ug/L	92
39) cis-1,3-Dichloropropene	8.42	75	6683	0.284 ug/L	91
40) 4-Methyl-2-pentanone	8.62	43	23973	2.475 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	17535	0.267	ug/L	92
43) 1,3,5-Trimethylbenzene	11.49	105	13888	0.231	ug/L	91
44) 1,2,4-Trimethylbenzene	11.79	105	14192	0.231	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	5532	0.263	ug/L	91
47) 1,1,2-Trichloroethane	9.20	97	3319	0.290	ug/L #	82
49) Tetrachloroethene	9.32	164	3983	0.276	ug/L	87
50) 2-Hexanone	9.48	43	15889	2.291	ug/L	99
51) Dibromochloromethane	9.56	129	4557	0.289	ug/L	94
52) 1,2-Dibromoethane	9.65	107	3934	0.355	ug/L #	83
53) Chlorobenzene	10.12	112	12458	0.288	ug/L	94
54) Ethylbenzene	10.24	91	18636	0.258	ug/L	88
55) m,p-xylene	10.35	106	7702	0.281	ug/L	64
56) o-xylene	10.68	106	6372	0.240	ug/L	79
57) Styrene	10.70	104	11292	0.253	ug/L	99
58) Isopropylbenzene	11.01	105	18713	0.261	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	3566	0.284	ug/L #	94
62) Bromoform	10.84	173	3074	0.355	ug/L #	81
63) 1,3-Dichlorobenzene	12.01	146	9693	0.292	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	9738	0.293	ug/L	88
66) 1,2-Dichlorobenzene	12.38	146	8810	0.282	ug/L #	81
67) 1,2-Dibromo-3-chloropropan	12.98	75	899	0.330	ug/L #	76
68) 1,3,5-Trichlorobenzene	13.15	180	7618	0.307	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	6199	0.284	ug/L	97
70) Naphthalene	13.82	128	8848	0.225	ug/L #	92
71) 1,2,3-Trichlorobenzene	14.00	180	5158	0.254	ug/L	94

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

