

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035626.D
 Acq On : 12 May 2023 10:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 01:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	227943	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	404723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	198842	50.004	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.000%	
35) Dibromofluoromethane	5.379	113	138188	50.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.647	98	497645	49.354	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	11.079	95	209297	51.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	143518	48.312	ug/l	99
3) Chloromethane	1.294	50	152703	42.358	ug/l	100
4) Vinyl Chloride	1.374	62	144294	47.163	ug/l	97
5) Bromomethane	1.617	94	86849	52.414	ug/l	97
6) Chloroethane	1.691	64	87198	46.981	ug/l	98
7) Trichlorofluoromethane	1.886	101	217254	48.294	ug/l	100
8) Diethyl Ether	2.130	74	86006	49.655	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	130403	48.824	ug/l	96
10) Methyl Iodide	2.453	142	136155	56.998	ug/l	91
11) Tert butyl alcohol	3.020	59	180585	257.401	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	120334	47.405	ug/l	89
13) Acrolein	2.239	56	192478	231.156	ug/l	100
14) Allyl chloride	2.666	41	261652	48.114	ug/l	94
15) Acrylonitrile	3.068	53	386420	250.130	ug/l	99
16) Acetone	2.392	43	458549	268.297	ug/l	93
17) Carbon Disulfide	2.514	76	294502	48.072	ug/l	100
18) Methyl Acetate	2.703	43	312270	49.542	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	494267	48.931	ug/l	98
20) Methylene Chloride	2.788	84	149290	48.197	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	133256	47.908	ug/l	91
22) Diisopropyl ether	3.757	45	515568	48.421	ug/l	93
23) Vinyl Acetate	3.721	43	1897641	251.879	ug/l	98
24) 1,1-Dichloroethane	3.605	63	276444	48.545	ug/l	97
25) 2-Butanone	4.562	43	604364	255.444	ug/l	100
26) 2,2-Dichloropropane	4.471	77	244253	50.651	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	164167	49.097	ug/l	95
28) Bromochloromethane	4.897	49	136088	53.130	ug/l	95
29) Tetrahydrofuran	5.007	42	364611	245.187	ug/l	98
30) Chloroform	5.086	83	284200	48.703	ug/l	98
31) Cyclohexane	5.470	56	236317	47.037	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	247236	48.696	ug/l	99
36) 1,1-Dichloropropene	5.690	75	204880	47.555	ug/l	98
37) Ethyl Acetate	4.708	43	223723	49.786	ug/l	100
38) Carbon Tetrachloride	5.672	117	201142	49.285	ug/l	100
39) Methylcyclohexane	7.379	83	246082	48.523	ug/l	94
40) Benzene	6.037	78	581272	48.228	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	130148	48.780	ug/l	96
42) 1,2-Dichloroethane	6.080	62	254052	49.001	ug/l	97
43) Isopropyl Acetate	6.336	43	387001	49.388	ug/l	100
44) Trichloroethene	7.123	130	146120	47.813	ug/l	95
45) 1,2-Dichloropropane	7.427	63	157437	49.321	ug/l	99
46) Dibromomethane	7.574	93	107308	49.111	ug/l	96
47) Bromodichloromethane	7.818	83	216181	51.188	ug/l	98
48) Methyl methacrylate	7.690	41	194305	50.245	ug/l	97
49) 1,4-Dioxane	7.720	88	77452	988.384	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1127413	249.738	ug/l	98
52) Toluene	8.714	92	365690	48.066	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	247477	53.936	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	258361	52.555	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	148731	49.773	ug/l	97
56) Ethyl methacrylate	9.116	69	245084	50.646	ug/l	97
57) 1,3-Dichloropropane	9.305	76	267129	49.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	618105	251.085	ug/l	99
59) 2-Hexanone	9.427	43	878562	258.419	ug/l	98
60) Dibromochloromethane	9.518	129	150134	52.708	ug/l	99
61) 1,2-Dibromoethane	9.610	107	156600	49.741	ug/l	99
64) Tetrachloroethene	9.275	164	115538	47.267	ug/l	97
65) Chlorobenzene	10.079	112	386177	48.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	139927	49.930	ug/l	98
67) Ethyl Benzene	10.195	91	723377	48.530	ug/l	98
68) m/p-Xylenes	10.299	106	535596	97.209	ug/l	95
69) o-Xylene	10.640	106	264910	48.453	ug/l	94
70) Styrene	10.652	104	443744	50.359	ug/l	97
71) Bromoform	10.799	173	95445	51.763	ug/l	100
73) Isopropylbenzene	10.963	105	697529	47.420	ug/l	99
74) N-amyl acetate	10.841	43	331190	48.290	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	227829	47.746	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	223400m	52.320	ug/l	
77) Bromobenzene	11.195	156	158569	47.495	ug/l	92
78) n-propylbenzene	11.305	91	833996	48.233	ug/l	98
79) 2-Chlorotoluene	11.366	91	514806	47.554	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	600031	47.995	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69474	52.439	ug/l	90
82) 4-Chlorotoluene	11.451	91	598977	48.043	ug/l	98
83) tert-Butylbenzene	11.713	119	574673	47.289	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	607262	48.375	ug/l	97
85) sec-Butylbenzene	11.890	105	731522	47.943	ug/l	97
86) p-Isopropyltoluene	12.006	119	617751	49.246	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	303216	47.808	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	304329	47.518	ug/l	98
89) n-Butylbenzene	12.329	91	570315	49.979	ug/l	98
90) Hexachloroethane	12.536	117	95192	50.067	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	300426	48.372	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52872	49.759	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	189142	50.578	ug/l	98
94) Hexachlorobutadiene	13.725	225	73301	49.383	ug/l	98
95) Naphthalene	13.774	128	634035	49.508	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181839	49.441	ug/l	97

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

