

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035921.D
 Acq On : 31 May 2023 08:35
 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 31 09:03:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	231735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	392606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	172730	41.944	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.880%
35) Dibromofluoromethane	5.379	113	132361	49.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.647	98	489659	49.474	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	194364	49.844	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	133015	43.162	ug/l	99
3) Chloromethane	1.294	50	135299	42.579	ug/l	99
4) Vinyl Chloride	1.374	62	132535	43.422	ug/l	100
5) Bromomethane	1.618	94	79391	43.403	ug/l	97
6) Chloroethane	1.691	64	77197	45.264	ug/l	99
7) Trichlorofluoromethane	1.886	101	204199	44.581	ug/l	98
8) Diethyl Ether	2.130	74	74868	44.509	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	122313	45.052	ug/l	99
10) Methyl Iodide	2.453	142	129674	47.084	ug/l	99
11) Tert butyl alcohol	2.995	59	125041	174.364	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	112247	44.110	ug/l	97
13) Acrolein	2.239	56	145949	205.230	ug/l	98
14) Allyl chloride	2.660	41	230922	45.934	ug/l	99
15) Acrylonitrile	3.062	53	346944	211.503	ug/l	98
16) Acetone	2.392	43	433480	260.734	ug/l	98
17) Carbon Disulfide	2.514	76	290875	49.351	ug/l	99
18) Methyl Acetate	2.703	43	270969	42.211	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	429346	43.761	ug/l	99
20) Methylene Chloride	2.788	84	133078	43.784	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	124727	44.463	ug/l	98
22) Diisopropyl ether	3.757	45	433721	42.964	ug/l	89
23) Vinyl Acetate	3.715	43	1534722	218.243	ug/l	97
24) 1,1-Dichloroethane	3.605	63	238309	42.777	ug/l	99
25) 2-Butanone	4.556	43	526521	218.944	ug/l	96
26) 2,2-Dichloropropane	4.471	77	201144	46.821	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	147929	45.334	ug/l	96
28) Bromochloromethane	4.891	49	123969	45.921	ug/l	91
29) Tetrahydrofuran	5.001	42	313710	201.632	ug/l	98
30) Chloroform	5.086	83	246957	43.210	ug/l	98
31) Cyclohexane	5.464	56	208141	42.554	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	218698	44.285	ug/l	99
36) 1,1-Dichloropropene	5.690	75	181000	44.200	ug/l	98
37) Ethyl Acetate	4.708	43	185151	41.767	ug/l	98
38) Carbon Tetrachloride	5.672	117	183660	47.585	ug/l	98
39) Methylcyclohexane	7.379	83	211185	45.198	ug/l	98
40) Benzene	6.038	78	522453	45.551	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	108386	42.951	ug/l	96
42) 1,2-Dichloroethane	6.080	62	204332	42.177	ug/l	98
43) Isopropyl Acetate	6.336	43	308088	43.371	ug/l	98
44) Trichloroethene	7.123	130	138036	48.313	ug/l	100
45) 1,2-Dichloropropane	7.428	63	137407	45.429	ug/l	100
46) Dibromomethane	7.574	93	96663	46.543	ug/l	96
47) Bromodichloromethane	7.818	83	189219	48.880	ug/l	99
48) Methyl methacrylate	7.690	41	155849	42.740	ug/l	93
49) 1,4-Dioxane	7.702	88	67321	865.128	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	944470	213.585	ug/l	97
52) Toluene	8.714	92	337981	46.919	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	204712	51.209	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	225089	51.586	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	137253	48.062	ug/l	96
56) Ethyl methacrylate	9.116	69	210505	46.816	ug/l	93
57) 1,3-Dichloropropane	9.305	76	232960	44.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	525195	220.759	ug/l	98
59) 2-Hexanone	9.427	43	749523	224.253	ug/l	98
60) Dibromochloromethane	9.519	129	140219	53.662	ug/l	98
61) 1,2-Dibromoethane	9.610	107	142857	47.504	ug/l	100
64) Tetrachloroethene	9.275	164	117861	49.165	ug/l	94
65) Chlorobenzene	10.079	112	361043	47.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	131644	50.892	ug/l	99
67) Ethyl Benzene	10.189	91	648996	46.394	ug/l	100
68) m/p-Xylenes	10.299	106	500541	96.713	ug/l	95
69) o-Xylene	10.640	106	248870	48.403	ug/l	94
70) Styrene	10.653	104	413498	48.955	ug/l	97
71) Bromoform	10.799	173	96206	57.524	ug/l #	100
73) Isopropylbenzene	10.963	105	643876	44.841	ug/l	98
74) N-amyl acetate	10.842	43	270851	43.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	205713	43.831	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	228835	51.794	ug/l	84
77) Bromobenzene	11.195	156	150429	46.445	ug/l	96
78) n-propylbenzene	11.305	91	749771	44.801	ug/l	98
79) 2-Chlorotoluene	11.366	91	455793	42.961	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	549990	44.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59288	45.044	ug/l	94
82) 4-Chlorotoluene	11.451	91	531805	44.048	ug/l	96
83) tert-Butylbenzene	11.713	119	526829	44.860	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	555063	45.306	ug/l	97
85) sec-Butylbenzene	11.890	105	651524	44.392	ug/l	98
86) p-Isopropyltoluene	12.006	119	562750	45.856	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	296220	47.918	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	297282	46.683	ug/l	99
89) n-Butylbenzene	12.329	91	488419	45.279	ug/l	99
90) Hexachloroethane	12.536	117	88891	50.069	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	286542	46.929	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44657	45.469	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	174810	48.692	ug/l	99
94) Hexachlorobutadiene	13.725	225	68613	47.664	ug/l	99
95) Naphthalene	13.774	128	598339	47.970	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	169278	47.315	ug/l	100

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

