

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076797.D
 Acq On : 23 Feb 2023 17:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 24 01:35:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	263330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	477123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	465420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	248493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	204702	56.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.600%
35) Dibromofluoromethane	8.172	113	163353	52.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.560%
50) Toluene-d8	10.566	98	653047	55.965	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.920%
62) 4-Bromofluorobenzene	12.854	95	237076	61.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	123972	44.337	ug/l	96
3) Chloromethane	2.372	50	152728	41.866	ug/l	97
4) Vinyl Chloride	2.531	62	165243	46.024	ug/l	98
5) Bromomethane	2.954	94	102201	46.979	ug/l	92
6) Chloroethane	3.125	64	115913	51.085	ug/l	98
7) Trichlorofluoromethane	3.507	101	217580	44.540	ug/l	92
8) Diethyl Ether	3.972	74	91381	48.545	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	138143	48.127	ug/l	96
10) Methyl Iodide	4.601	142	178001	50.216	ug/l	99
11) Tert butyl alcohol	5.531	59	103557	215.759	ug/l	98
12) 1,1-Dichloroethene	4.348	96	124564	45.829	ug/l	96
13) Acrolein	4.184	56	170093	236.051	ug/l	97
14) Allyl chloride	5.037	41	228772	48.576	ug/l	96
15) Acrylonitrile	5.731	53	415205	243.755	ug/l	99
16) Acetone	4.437	43	350601	215.854	ug/l	95
17) Carbon Disulfide	4.725	76	305570	42.580	ug/l	99
18) Methyl Acetate	5.037	43	265939	50.160	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	482562	52.660	ug/l	99
20) Methylene Chloride	5.289	84	157221	46.186	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	138035	45.115	ug/l	92
22) Diisopropyl ether	6.683	45	606519	54.908	ug/l	95
23) Vinyl Acetate	6.613	43	2034230	311.252	ug/l	98
24) 1,1-Dichloroethane	6.578	63	303840	50.189	ug/l	97
25) 2-Butanone	7.489	43	576378	240.570	ug/l	100
26) 2,2-Dichloropropane	7.495	77	232708	53.292	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	177817	48.999	ug/l	97
28) Bromochloromethane	7.825	49	155298	53.898	ug/l	88
29) Tetrahydrofuran	7.842	42	397879	254.178	ug/l	99
30) Chloroform	7.972	83	306483	50.670	ug/l	98
31) Cyclohexane	8.266	56	270935	47.500	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	256072	50.352	ug/l	96
36) 1,1-Dichloropropene	8.377	75	225233	49.891	ug/l	97
37) Ethyl Acetate	7.566	43	242651	51.086	ug/l	98
38) Carbon Tetrachloride	8.366	117	213609	46.904	ug/l	96
39) Methylcyclohexane	9.601	83	274753	53.541	ug/l	98
40) Benzene	8.613	78	700825	50.551	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	132631	48.200	ug/l	94
42) 1,2-Dichloroethane	8.677	62	245457	50.764	ug/l	100
43) Isopropyl Acetate	8.695	43	437218	56.568	ug/l	97
44) Trichloroethene	9.360	130	155469	47.455	ug/l	95
45) 1,2-Dichloropropane	9.624	63	187949	51.212	ug/l	98
46) Dibromomethane	9.713	93	121219	51.665	ug/l	95
47) Bromodichloromethane	9.889	83	253068	53.799	ug/l #	99
48) Methyl methacrylate	9.683	41	193479	52.753	ug/l	97
49) 1,4-Dioxane	9.695	88	58984	929.704	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1317420	267.896	ug/l	98
52) Toluene	10.630	92	454939	54.352	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	267290	58.871	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	283918	54.213	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	177752	52.225	ug/l	96
56) Ethyl methacrylate	10.877	69	274634	57.325	ug/l	96
57) 1,3-Dichloropropane	11.166	76	316162	54.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	646360	294.595	ug/l	96
59) 2-Hexanone	11.201	43	934362	263.513	ug/l	99
60) Dibromochloromethane	11.360	129	190824	53.197	ug/l	100
61) 1,2-Dibromoethane	11.471	107	178005	52.250	ug/l	97
64) Tetrachloroethene	11.107	164	133428	45.491	ug/l	93
65) Chlorobenzene	11.895	112	477144	48.375	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	176793	49.346	ug/l	100
67) Ethyl Benzene	11.966	91	908895	54.087	ug/l	100
68) m/p-Xylenes	12.071	106	701289	108.269	ug/l	98
69) o-Xylene	12.401	106	341385	54.041	ug/l	99
70) Styrene	12.413	104	572435	56.037	ug/l	99
71) Bromoform	12.583	173	133364	50.748	ug/l #	98
73) Isopropylbenzene	12.701	105	903053	49.581	ug/l	99
74) N-amyl acetate	12.495	43	381732	46.498	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	283185	42.953	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	203903m	40.587	ug/l	
77) Bromobenzene	12.983	156	208927	45.976	ug/l	97
78) n-propylbenzene	13.036	91	1095527	51.223	ug/l	100
79) 2-Chlorotoluene	13.130	91	633235	48.356	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	773398	51.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	81372	47.175	ug/l	91
82) 4-Chlorotoluene	13.130	91	633235	48.356	ug/l	99
83) tert-Butylbenzene	13.442	119	677764	49.773	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	785815	52.382	ug/l	100
85) sec-Butylbenzene	13.618	105	1018999	53.599	ug/l	98
86) p-Isopropyltoluene	13.730	119	837954	55.197	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	410773	47.820	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	410736	48.016	ug/l	98
89) n-Butylbenzene	14.059	91	719616	54.501	ug/l	99
90) Hexachloroethane	14.336	117	145187	45.675	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	411712	46.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	50666	39.667	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	212720	48.425	ug/l	96
94) Hexachlorobutadiene	15.501	225	100045	46.468	ug/l	96
95) Naphthalene	15.642	128	669585	50.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	210346	49.425	ug/l	97

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

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