

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071172.D
 Acq On : 07 Mar 2022 13:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 08 07:14:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	623934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	992229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	929918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	359706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	382954	44.783	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.560%
35) Dibromofluoromethane	8.022	113	298627	47.694	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.380%
50) Toluene-d8	10.439	98	1186602	47.069	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.727	95	404548	47.389	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.780%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	261078	38.180	ug/l	99
3) Chloromethane	2.298	50	357504	38.935	ug/l	99
4) Vinyl Chloride	2.446	62	338167	40.353	ug/l	96
5) Bromomethane	2.834	94	185110	49.395	ug/l	99
6) Chloroethane	3.004	64	214823	42.330	ug/l	95
7) Trichlorofluoromethane	3.369	101	471057	42.707	ug/l	97
8) Diethyl Ether	3.822	74	220017	46.613	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	281107	44.024	ug/l	96
10) Methyl Iodide	4.422	142	383410	42.513	ug/l	99
11) Tert butyl alcohol	5.363	59	386797	230.255	ug/l	97
12) 1,1-Dichloroethene	4.181	96	265207	42.398	ug/l	96
13) Acrolein	4.045	56	213177	119.894	ug/l	99
14) Allyl chloride	4.845	41	597235	43.899	ug/l	86
15) Acrylonitrile	5.551	53	1127283	225.997	ug/l	99
16) Acetone	4.281	43	907614	218.136	ug/l	96
17) Carbon Disulfide	4.534	76	600596	33.726	ug/l	99
18) Methyl Acetate	4.851	43	517598	46.355	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1165666	49.634	ug/l	97
20) Methylene Chloride	5.098	84	347221	45.693	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	287416	42.008	ug/l	90
22) Diisopropyl ether	6.492	45	1289439	48.108	ug/l	92
23) Vinyl Acetate	6.428	43	5534435	243.908	ug/l	98
24) 1,1-Dichloroethane	6.386	63	648180	45.766	ug/l	99
25) 2-Butanone	7.328	43	1514776	226.002	ug/l	96
26) 2,2-Dichloropropane	7.322	77	512443	46.900	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	368409	45.368	ug/l	90
28) Bromochloromethane	7.657	49	288467	45.738	ug/l	83
29) Tetrahydrofuran	7.680	42	1023286	220.377	ug/l	91
30) Chloroform	7.816	83	621669	46.022	ug/l	98
31) Cyclohexane	8.092	56	561162	41.094	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	524978	45.625	ug/l	99
36) 1,1-Dichloropropene	8.216	75	447569	44.614	ug/l	96
37) Ethyl Acetate	7.410	43	625836	45.329	ug/l	98
38) Carbon Tetrachloride	8.204	117	446274	45.991	ug/l	99
39) Methylcyclohexane	9.457	83	547559	46.397	ug/l	93
40) Benzene	8.457	78	1391131	46.025	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	325788	48.217	ug/l #	89
42) 1,2-Dichloroethane	8.527	62	513127	48.785	ug/l	98
43) Isopropyl Acetate	8.557	43	974098	47.180	ug/l	97
44) Trichloroethene	9.216	130	334740	46.937	ug/l	98
45) 1,2-Dichloropropane	9.486	63	391645	48.269	ug/l	98
46) Dibromomethane	9.574	93	242550	48.568	ug/l	97
47) Bromodichloromethane	9.757	83	506516	50.188	ug/l	99
48) Methyl methacrylate	9.557	41	427541	44.685	ug/l #	90
49) 1,4-Dioxane	9.569	88	162610	977.747	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	3122155	243.666	ug/l	99
52) Toluene	10.504	92	890432	47.841	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	566939	50.960	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	613275	50.451	ug/l	97
55) 1,1,2-Trichloroethane	10.898	97	363676	48.762	ug/l	98
56) Ethyl methacrylate	10.757	69	621719	51.046	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	655042	48.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	477184	193.561	ug/l	95
59) 2-Hexanone	11.080	43	2136714	244.403	ug/l	99
60) Dibromochloromethane	11.233	129	387298	52.264	ug/l	100
61) 1,2-Dibromoethane	11.345	107	369895	48.527	ug/l	99
64) Tetrachloroethene	10.974	164	297952	45.941	ug/l	97
65) Chlorobenzene	11.768	112	948038	47.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	366025	49.985	ug/l	99
67) Ethyl Benzene	11.839	91	1707466	48.356	ug/l	97
68) m/p-Xylenes	11.951	106	1269045	98.242	ug/l	98
69) o-Xylene	12.274	106	640134	49.437	ug/l	97
70) Styrene	12.292	104	1030721	51.424	ug/l	97
71) Bromoform	12.457	173	289237	52.012	ug/l #	99
73) Isopropylbenzene	12.574	105	1679684	48.441	ug/l	99
74) N-amyl acetate	12.386	43	631670	48.449	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	540483	52.585	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	658295	77.035	ug/l #	1
77) Bromobenzene	12.857	156	378195	46.773	ug/l	81
78) n-propylbenzene	12.915	91	1838347	49.406	ug/l	98
79) 2-Chlorotoluene	13.004	91	1118655	46.834	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1333666	49.437	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	158213	47.547	ug/l	89
82) 4-Chlorotoluene	13.104	91	1030325	48.428	ug/l	94
83) tert-Butylbenzene	13.321	119	1186103	49.266	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	1294642	50.102	ug/l	99
85) sec-Butylbenzene	13.498	105	1611407	50.357	ug/l	99
86) p-Isopropyltoluene	13.615	119	1299343	51.631	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	616681	46.939	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	592288	46.120	ug/l	98
89) n-Butylbenzene	13.939	91	981693	49.874	ug/l	96
90) Hexachloroethane	14.204	117	244852	48.926	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	600036	47.506	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	90666	44.939	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	287723	48.879	ug/l	98
94) Hexachlorobutadiene	15.368	225	173746	49.000	ug/l	100
95) Naphthalene	15.504	128	712075	43.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	271666	48.209	ug/l	99

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

