

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074904.D
 Acq On : 14 Oct 2022 11:35
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 17 01:13:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 01:09:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	281347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	588463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	370350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	363396	53.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	8.177	113	289355	52.613	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.220%	
50) Toluene-d8	10.571	98	1224748	53.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	12.853	95	369844	57.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	262217	48.580	ug/l	100
3) Chloromethane	2.377	50	368934	46.716	ug/l	100
4) Vinyl Chloride	2.530	62	562450	49.531	ug/l	100
5) Bromomethane	2.936	94	447635	49.250	ug/l	100
6) Chloroethane	3.112	64	442882	49.499	ug/l	100
7) Trichlorofluoromethane	3.500	101	389188	47.511	ug/l	100
8) Diethyl Ether	3.977	74	183066	48.759	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	244421	48.784	ug/l	100
10) Methyl Iodide	4.612	142	292326	50.987	ug/l	100
11) Tert butyl alcohol	5.553	59	417516	249.038	ug/l	100
12) 1,1-Dichloroethene	4.353	96	233515	47.634	ug/l	100
13) Acrolein	4.200	56	455150	256.573	ug/l	100
14) Allyl chloride	5.041	41	483186m	51.947	ug/l	
15) Acrylonitrile	5.741	53	1062732	259.277	ug/l	100
16) Acetone	4.453	43	833962	237.506	ug/l	100
17) Carbon Disulfide	4.730	76	598902	48.695	ug/l	100
18) Methyl Acetate	5.047	43	602189	47.896	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	990255	51.743	ug/l	100
20) Methylene Chloride	5.300	84	305737	46.134	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	257756	48.044	ug/l	100
22) Diisopropyl ether	6.688	45	1123805	51.316	ug/l	100
23) Vinyl Acetate	6.624	43	4204432	261.632	ug/l	100
24) 1,1-Dichloroethane	6.588	63	566183	48.037	ug/l	100
25) 2-Butanone	7.500	43	1487484	257.266	ug/l	100
26) 2,2-Dichloropropane	7.500	77	468486	49.562	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	328057	49.226	ug/l	100
28) Bromochloromethane	7.824	49	274938	55.544	ug/l	100
29) Tetrahydrofuran	7.853	42	1034233	272.466	ug/l	100
30) Chloroform	7.977	83	559146	51.250	ug/l	100
31) Cyclohexane	8.265	56	497550	49.182	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	477640	51.556	ug/l	100
36) 1,1-Dichloropropene	8.377	75	404423	50.164	ug/l	100
37) Ethyl Acetate	7.577	43	598302	49.991	ug/l	100
38) Carbon Tetrachloride	8.371	117	400035	52.493	ug/l	100
39) Methylcyclohexane	9.606	83	508386	52.297	ug/l	100
40) Benzene	8.618	78	1325066	49.973	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	310219	52.653	ug/l	100
42) 1,2-Dichloroethane	8.677	62	452759	52.269	ug/l	100
43) Isopropyl Acetate	8.700	43	949930	51.565	ug/l	100
44) Trichloroethene	9.353	130	278982	50.275	ug/l	100
45) 1,2-Dichloropropane	9.629	63	351669	49.270	ug/l	100
46) Dibromomethane	9.712	93	222982	48.789	ug/l	100
47) Bromodichloromethane	9.894	83	457364	52.155	ug/l	100
48) Methyl methacrylate	9.618	41	439861	51.270	ug/l #	100
49) 1,4-Dioxane	9.694	88	151608	969.918	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	3201021	270.229	ug/l	100
52) Toluene	10.635	92	831286	52.339	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	520784	54.340	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	545229	53.360	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	342388	53.670	ug/l	100
56) Ethyl methacrylate	10.876	69	564469	55.279	ug/l	100
57) 1,3-Dichloropropane	11.165	76	599792	51.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1040951	286.361	ug/l	100
59) 2-Hexanone	11.200	43	2373745	274.478	ug/l	100
60) Dibromochloromethane	11.365	129	341369	53.398	ug/l	100
61) 1,2-Dibromoethane	11.470	107	333961	52.930	ug/l	100
64) Tetrachloroethene	11.106	164	222033	46.876	ug/l	100
65) Chlorobenzene	11.894	112	865050	50.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	310815	48.811	ug/l	100
67) Ethyl Benzene	11.965	91	1588665	51.021	ug/l	100
68) m/p-Xylenes	12.076	106	1234465	106.472	ug/l	100
69) o-Xylene	12.400	106	614011	51.845	ug/l	100
70) Styrene	12.412	104	1014460	54.007	ug/l	100
71) Bromoform	12.582	173	237628	53.882	ug/l #	100
73) Isopropylbenzene	12.700	105	1601910	48.626	ug/l	100
74) N-amyl acetate	12.500	43	856844	47.912	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	588823	45.125	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	514169m	50.536	ug/l	
77) Bromobenzene	12.982	156	343791	47.116	ug/l	100
78) n-propylbenzene	13.041	91	1876128	49.886	ug/l	100
79) 2-Chlorotoluene	13.129	91	1094642	48.681	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1338404	49.979	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	200247m	50.324	ug/l	
82) 4-Chlorotoluene	13.223	91	1059563	50.386	ug/l	100
83) tert-Butylbenzene	13.441	119	1167943	50.471	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	1350664	51.335	ug/l	100
85) sec-Butylbenzene	13.617	105	1691014	50.677	ug/l	100
86) p-Isopropyltoluene	13.735	119	1392536	52.514	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	666555	48.694	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	652766	48.330	ug/l	100
89) n-Butylbenzene	14.059	91	1207223	53.427	ug/l	100
90) Hexachloroethane	14.335	117	258471	45.399	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	675785	47.593	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	116096	47.962	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	320239	49.861	ug/l	100
94) Hexachlorobutadiene	15.506	225	149355	48.423	ug/l	100
95) Naphthalene	15.641	128	1262798	54.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	309029	50.797	ug/l	100

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

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