

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074902.D
 Acq On : 14 Oct 2022 10:46
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 17 01:11:29 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	283152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	493855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	525744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	60695	8.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	17.700%#
35) Dibromofluoromethane	8.177	113	47667	8.886	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	17.780%#
50) Toluene-d8	10.570	98	190708	8.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	17.240%#
62) 4-Bromofluorobenzene	12.853	95	51364	8.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	16.300%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	54461	10.025	ug/l	91
3) Chloromethane	2.383	50	82065	10.325	ug/l	95
4) Vinyl Chloride	2.530	62	119340	10.443	ug/l	98
5) Bromomethane	2.947	94	91646	10.019	ug/l	95
6) Chloroethane	3.124	64	106504	11.828	ug/l	96
7) Trichlorofluoromethane	3.512	101	86361	10.475	ug/l	86
8) Diethyl Ether	3.989	74	38161	10.099	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	54680	10.844	ug/l #	69
10) Methyl Iodide	4.606	142	59905	10.382	ug/l	98
11) Tert butyl alcohol	5.553	59	83444	49.455	ug/l #	88
12) 1,1-Dichloroethene	4.359	96	52980	10.738	ug/l	82
13) Acrolein	4.200	56	89572	50.171	ug/l	95
14) Allyl chloride	5.041	41	104017	11.111	ug/l #	84
15) Acrylonitrile	5.747	53	210942	51.136	ug/l	99
16) Acetone	4.459	43	182874	51.749	ug/l	99
17) Carbon Disulfide	4.724	76	120583	9.742	ug/l #	94
18) Methyl Acetate	5.053	43	125932	9.952	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	188529	9.788	ug/l	92
20) Methylene Chloride	5.300	84	68023	10.199	ug/l	88
21) trans-1,2-Dichloroethene	5.800	96	51857	9.604	ug/l	92
22) Diisopropyl ether	6.688	45	222348	10.088	ug/l	96
23) Vinyl Acetate	6.624	43	807675	49.939	ug/l	100
24) 1,1-Dichloroethane	6.583	63	114666	9.667	ug/l	94
25) 2-Butanone	7.500	43	295266	50.742	ug/l	93
26) 2,2-Dichloropropane	7.506	77	95402	10.028	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	64860	9.670	ug/l	98
28) Bromochloromethane	7.824	49	48286	9.693	ug/l	100
29) Tetrahydrofuran	7.847	42	198673	52.006	ug/l	97
30) Chloroform	7.971	83	112112	10.210	ug/l #	81
31) Cyclohexane	8.271	56	104133	10.228	ug/l #	86
32) 1,1,1-Trichloroethane	8.177	97	94958	10.184	ug/l	97
36) 1,1-Dichloropropene	8.382	75	74558	9.482	ug/l	96
37) Ethyl Acetate	7.571	43	115327	9.879	ug/l	99
38) Carbon Tetrachloride	8.365	117	75428	10.148	ug/l	86
39) Methylcyclohexane	9.606	83	92181	9.722	ug/l	92
40) Benzene	8.612	78	256261	9.908	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53447	9.301	ug/l	91
42) 1,2-Dichloroethane	8.677	62	81769	9.678	ug/l	99
43) Isopropyl Acetate	8.694	43	180369	10.038	ug/l	98
44) Trichloroethene	9.359	130	53977	9.973	ug/l	97
45) 1,2-Dichloropropane	9.623	63	72269	10.381	ug/l	97
46) Dibromomethane	9.718	93	44865	10.064	ug/l	98
47) Bromodichloromethane	9.888	83	91121	10.653	ug/l	88
48) Methyl methacrylate	9.612	41	81094	9.691	ug/l #	97
49) 1,4-Dioxane	9.706	88	29640	194.411	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	579357	50.144	ug/l	99
52) Toluene	10.635	92	158262	10.216	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	89685	9.594	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	101194	10.154	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65549	10.534	ug/l	95
56) Ethyl methacrylate	10.876	69	96830	9.722	ug/l	95
57) 1,3-Dichloropropane	11.165	76	113902	10.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	165550	46.692	ug/l	97
59) 2-Hexanone	11.200	43	425329	50.423	ug/l	98
60) Dibromochloromethane	11.365	129	59699	9.574	ug/l	99
61) 1,2-Dibromoethane	11.470	107	62036	10.080	ug/l	98
64) Tetrachloroethene	11.112	164	38720	9.150	ug/l	98
65) Chlorobenzene	11.894	112	156001	10.282	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	60754	10.679	ug/l	95
67) Ethyl Benzene	11.965	91	286545	10.300	ug/l	89
68) m/p-Xylenes	12.076	106	212697	20.533	ug/l	100
69) o-Xylene	12.400	106	107356	10.146	ug/l	100
70) Styrene	12.412	104	165762	9.877	ug/l	99
71) Bromoform	12.582	173	41785	10.605	ug/l #	90
73) Isopropylbenzene	12.700	105	272333	10.531	ug/l	94
74) N-amyl acetate	12.494	43	144561	10.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	107537	10.498	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	97366m	12.191	ug/l	
77) Bromobenzene	12.982	156	56892	9.932	ug/l	96
78) n-propylbenzene	13.041	91	293629	9.946	ug/l	100
79) 2-Chlorotoluene	13.129	91	178325	10.102	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	219131	10.424	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	29128	9.325	ug/l	97
82) 4-Chlorotoluene	13.223	91	167477	10.145	ug/l	100
83) tert-Butylbenzene	13.441	119	179455	9.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	210721	10.202	ug/l	98
85) sec-Butylbenzene	13.617	105	256538	9.794	ug/l	100
86) p-Isopropyltoluene	13.729	119	210560	10.115	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	103726	9.653	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	107088	10.100	ug/l	99
89) n-Butylbenzene	14.059	91	172412	9.720	ug/l	99
90) Hexachloroethane	14.335	117	44369	9.928	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	104502	9.375	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20630	10.857	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	46166	9.157	ug/l	97
94) Hexachlorobutadiene	15.500	225	25229	10.420	ug/l	99
95) Naphthalene	15.647	128	178342	9.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46608	9.759	ug/l	91

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

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