

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074284.D
 Acq On : 02 Sep 2022 13:23
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 02 14:23:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 14:16:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	262124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	486363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	452601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	203673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	86884	21.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.740%#		
35) Dibromofluoromethane	7.945	113	68405	21.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	43.220%#		
50) Toluene-d8	10.380	98	264952	21.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.520%#		
62) 4-Bromofluorobenzene	12.669	95	82192	21.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	43.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	43185	15.922	ug/l	96
3) Chloromethane	2.269	50	64936	16.998	ug/l	94
4) Vinyl Chloride	2.404	62	130471	34.370	ug/l	98
5) Bromomethane	2.787	94	86625	41.738	ug/l	92
6) Chloroethane	2.957	64	103330	35.481	ug/l	99
7) Trichlorofluoromethane	3.316	101	91064	15.692	ug/l	93
8) Diethyl Ether	3.763	74	36373	14.738	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	53525	16.150	ug/l	90
10) Methyl Iodide	4.346	142	28389	10.613	ug/l #	90
11) Tert butyl alcohol	5.287	59	75097	75.527	ug/l	99
12) 1,1-Dichloroethene	4.110	96	48285	15.711	ug/l	96
13) Acrolein	3.975	56	49108	54.634	ug/l	100
14) Allyl chloride	4.757	41	81619	11.909	ug/l	90
15) Acrylonitrile	5.469	53	193996	66.040	ug/l	93
16) Acetone	4.222	43	166584	61.310	ug/l	91
17) Carbon Disulfide	4.457	76	112743	12.890	ug/l	96
18) Methyl Acetate	4.769	43	98623	12.012	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	206777	18.190	ug/l	100
20) Methylene Chloride	5.016	84	65274	14.083	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	56673	15.977	ug/l	93
22) Diisopropyl ether	6.410	45	194990	13.965	ug/l	93
23) Vinyl Acetate	6.351	43	843250	71.528	ug/l	97
24) 1,1-Dichloroethane	6.304	63	115892	16.824	ug/l	99
25) 2-Butanone	7.257	43	289998	66.719	ug/l	99
26) 2,2-Dichloropropane	7.251	77	92271	19.254	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	72629	18.332	ug/l	99
28) Bromochloromethane	7.586	49	41409	15.099	ug/l	87
29) Tetrahydrofuran	7.610	42	182578	65.957	ug/l	96
30) Chloroform	7.751	83	128302	18.272	ug/l	94
31) Cyclohexane	8.022	56	102210	15.213	ug/l #	93
32) 1,1,1-Trichloroethane	7.939	97	107903	19.981	ug/l	98
36) 1,1-Dichloropropene	8.145	75	85374	16.626	ug/l	97
37) Ethyl Acetate	7.339	43	110205	12.833	ug/l	97
38) Carbon Tetrachloride	8.128	117	88830	18.100	ug/l	95
39) Methylcyclohexane	9.392	83	106781	17.714	ug/l	94
40) Benzene	8.386	78	282961	17.549	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	55830	14.084	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	105120	18.320	ug/l	99
43) Isopropyl Acetate	8.492	43	174713	15.134	ug/l	97
44) Trichloroethene	9.151	130	65560	18.196	ug/l	98
45) 1,2-Dichloropropane	9.428	63	74100	17.021	ug/l	97
46) Dibromomethane	9.510	93	53875	18.530	ug/l #	85
47) Bromodichloromethane	9.698	83	102391	17.971	ug/l	96
48) Methyl methacrylate	9.492	41	77295	14.095	ug/l #	92
49) 1,4-Dioxane	9.504	88	40696	343.973	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	628992	75.071	ug/l	96
52) Toluene	10.445	92	184709	19.436	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	101172	18.728	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	113584	18.780	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	76332	18.568	ug/l	92
56) Ethyl methacrylate	10.704	69	118182	18.967	ug/l #	87
57) 1,3-Dichloropropane	10.986	76	130828	18.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	283501	89.942	ug/l	95
59) 2-Hexanone	11.027	43	481595	75.741	ug/l	96
60) Dibromochloromethane	11.180	129	76299	19.816	ug/l	100
61) 1,2-Dibromoethane	11.286	107	78288	19.930	ug/l	96
64) Tetrachloroethene	10.916	164	53245	16.241	ug/l	97
65) Chlorobenzene	11.710	112	195700	19.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	72323	19.979	ug/l	97
67) Ethyl Benzene	11.786	91	365424	19.994	ug/l	95
68) m/p-Xylenes	11.892	106	281101	41.401	ug/l	99
69) o-Xylene	12.221	106	137254	20.288	ug/l	97
70) Styrene	12.233	104	227139	21.074	ug/l	99
71) Bromoform	12.398	173	53842	17.560	ug/l #	97
73) Isopropylbenzene	12.516	105	358160	20.534	ug/l	99
74) N-amyl acetate	12.327	43	150391	15.239	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.769	83	130131	17.990	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	116014m	20.047	ug/l	
77) Bromobenzene	12.798	156	74597	18.283	ug/l	83
78) n-propylbenzene	12.857	91	415073	20.876	ug/l	96
79) 2-Chlorotoluene	12.945	91	242054	19.876	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	292483	20.618	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	35191	17.934	ug/l	93
82) 4-Chlorotoluene	13.039	91	236623	20.080	ug/l	97
83) tert-Butylbenzene	13.257	119	258295	21.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	297928	21.761	ug/l	95
85) sec-Butylbenzene	13.439	105	365691	21.484	ug/l	97
86) p-Isopropyltoluene	13.551	119	294646	22.246	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	137780	18.944	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	137146	18.227	ug/l	92
89) n-Butylbenzene	13.880	91	242115	20.989	ug/l	94
90) Hexachloroethane	14.145	117	53634	19.642	ug/l	77
91) 1,2-Dichlorobenzene	13.921	146	146583	19.119	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26499	18.328	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	67740	18.063	ug/l	95
94) Hexachlorobutadiene	15.298	225	32278	17.502	ug/l	99
95) Naphthalene	15.433	128	272343	20.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	72393	18.634	ug/l	97

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

