

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073411.D
 Acq On : 11 Jul 2022 11:41
 Operator : JC\MD
 Sample : VN0711WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

Quant Time: Jul 12 07:24:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	226988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	389368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	353529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	165735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	169214	51.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	7.945	113	133372	51.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.960%			
50) Toluene-d8	10.374	98	459052	49.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.780%			
62) 4-Bromofluorobenzene	12.668	95	182958	51.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60298	18.170	ug/l	94
3) Chloromethane	2.269	50	55387	17.191	ug/l	99
4) Vinyl Chloride	2.410	62	49313	18.014	ug/l	99
5) Bromomethane	2.810	94	24551	18.988	ug/l	88
6) Chloroethane	2.975	64	30572	18.985	ug/l	98
7) Trichlorofluoromethane	3.322	101	90391	19.099	ug/l	95
8) Diethyl Ether	3.763	74	36738	19.069	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.151	101	51799	18.523	ug/l	97
10) Methyl Iodide	4.351	142	47989	15.581	ug/l	94
11) Tert butyl alcohol	5.281	59	67131	84.570	ug/l	100
12) 1,1-Dichloroethene	4.116	96	48317	18.082	ug/l	94
13) Acrolein	3.981	56	34680	69.121	ug/l	99
14) Allyl chloride	4.763	41	106741	18.962	ug/l #	92
15) Acrylonitrile	5.469	53	202158	98.931	ug/l	99
16) Acetone	4.222	43	185213	100.696	ug/l	93
17) Carbon Disulfide	4.457	76	115680	16.696	ug/l	97
18) Methyl Acetate	4.775	43	104863	20.344	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	188159	19.320	ug/l	97
20) Methylene Chloride	5.010	84	59433	18.386	ug/l #	83
21) trans-1,2-Dichloroethene	5.510	96	52516	18.809	ug/l	97
22) Diisopropyl ether	6.404	45	216324	20.594	ug/l #	94
23) Vinyl Acetate	6.351	43	899117	95.604	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	108456	19.952	ug/l	98
25) 2-Butanone	7.257	43	301008	102.789	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	87808	17.466	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	63140	18.674	ug/l	93
28) Bromochloromethane	7.580	49	53829	23.645	ug/l #	82
29) Tetrahydrofuran	7.604	42	203475	101.476	ug/l #	85
30) Chloroform	7.745	83	108483	19.815	ug/l	99
31) Cyclohexane	8.022	56	97027	18.080	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	91908	18.837	ug/l	98
36) 1,1-Dichloropropene	8.145	75	76671	19.235	ug/l	98
37) Ethyl Acetate	7.333	43	113171	18.790	ug/l	95
38) Carbon Tetrachloride	8.133	117	77468	18.793	ug/l	96
39) Methylcyclohexane	9.392	83	94660	19.075	ug/l	94
40) Benzene	8.386	78	240757	19.571	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	63610	21.777	ug/l #	81
42) 1,2-Dichloroethane	8.457	62	86836	19.473	ug/l	100
43) Isopropyl Acetate	8.492	43	172871	19.972	ug/l #	92
44) Trichloroethene	9.145	130	58209	18.594	ug/l	96
45) 1,2-Dichloropropane	9.427	63	62046	19.789	ug/l	97
46) Dibromomethane	9.510	93	41762	19.617	ug/l	93
47) Bromodichloromethane	9.698	83	83636	20.284	ug/l	98
48) Methyl methacrylate	9.498	41	75113	18.742	ug/l	89
49) 1,4-Dioxane	9.504	88	29574	388.711	ug/l #	96
51) 4-Methyl-2-Pentanone	10.269	43	578514	105.393	ug/l	91
52) Toluene	10.439	92	146047	19.211	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	86364	19.026	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	95233	19.433	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	61610	19.685	ug/l	96
56) Ethyl methacrylate	10.698	69	93869	18.556	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	104849	19.542	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	216241	95.848	ug/l	95
59) 2-Hexanone	11.021	43	428707	102.459	ug/l	88
60) Dibromochloromethane	11.174	129	59920	20.081	ug/l	97
61) 1,2-Dibromoethane	11.286	107	62236	19.908	ug/l	96
64) Tetrachloroethene	10.916	164	53021	18.367	ug/l	97
65) Chlorobenzene	11.710	112	150574	18.832	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	56158	19.095	ug/l	99
67) Ethyl Benzene	11.786	91	277397	19.110	ug/l	97
68) m/p-Xylenes	11.892	106	211281	38.568	ug/l	95
69) o-Xylene	12.215	106	105460	18.857	ug/l	97
70) Styrene	12.233	104	167416	19.390	ug/l	99
71) Bromoform	12.392	173	43514	20.221	ug/l #	98
73) Isopropylbenzene	12.515	105	272082	19.011	ug/l	100
74) N-amyl acetate	12.327	43	121930	17.014	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	92667	19.512	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	80824m	18.650	ug/l	
77) Bromobenzene	12.798	156	61802	18.573	ug/l	86
78) n-propylbenzene	12.857	91	313931	19.745	ug/l	97
79) 2-Chlorotoluene	12.945	91	191713	19.052	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	228764	19.611	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	27480	17.390	ug/l	90
82) 4-Chlorotoluene	13.045	91	188155	19.314	ug/l	97
83) tert-Butylbenzene	13.262	119	200903	19.210	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	229018	19.664	ug/l	96
85) sec-Butylbenzene	13.439	105	278546	19.835	ug/l	98
86) p-Isopropyltoluene	13.557	119	225439	19.873	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	112162	18.789	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	112479	18.806	ug/l	98
89) n-Butylbenzene	13.880	91	180958	19.143	ug/l	99
90) Hexachloroethane	14.145	117	41575	19.665	ug/l	83
91) 1,2-Dichlorobenzene	13.921	146	116572	19.170	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20886	18.094	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	57541	18.173	ug/l	98
94) Hexachlorobutadiene	15.298	225	26622	18.914	ug/l	96
95) Naphthalene	15.433	128	212788	16.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	60186	18.427	ug/l	97

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

