

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075838.D
 Acq On : 16 Dec 2022 11:16
 Operator : JC\MD
 Sample : VN1216WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

Quant Time: Dec 17 08:36:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	309493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	503709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	450653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	175106	52.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	8.177	113	158859	50.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	10.571	98	608127	52.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.280%			
62) 4-Bromofluorobenzene	12.853	95	202812	52.502	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	39889	18.152	ug/l	98
3) Chloromethane	2.377	50	49669	18.177	ug/l	97
4) Vinyl Chloride	2.530	62	60664	18.611	ug/l	99
5) Bromomethane	2.959	94	52351	18.898	ug/l	93
6) Chloroethane	3.124	64	46655	19.328	ug/l	97
7) Trichlorofluoromethane	3.512	101	94733	19.153	ug/l	97
8) Diethyl Ether	3.977	74	33983	18.812	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	55511	19.655	ug/l	97
10) Methyl Iodide	4.606	142	84695	18.478	ug/l	99
11) Tert butyl alcohol	5.541	59	44431	93.259	ug/l	100
12) 1,1-Dichloroethene	4.353	96	52976	19.313	ug/l	96
13) Acrolein	4.194	56	74284	127.181	ug/l	100
14) Allyl chloride	5.041	41	67698	21.112	ug/l	99
15) Acrylonitrile	5.730	53	129591	99.675	ug/l	100
16) Acetone	4.447	43	118162	101.805	ug/l	99
17) Carbon Disulfide	4.730	76	120041	18.075	ug/l #	93
18) Methyl Acetate	5.041	43	68220	19.884	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	179494	19.871	ug/l	97
20) Methylene Chloride	5.294	84	62500	19.742	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	56046	18.657	ug/l	95
22) Diisopropyl ether	6.683	45	157571	20.229	ug/l	98
23) Vinyl Acetate	6.618	43	522305	99.621	ug/l	99
24) 1,1-Dichloroethane	6.583	63	97869	18.839	ug/l	100
25) 2-Butanone	7.488	43	167881	103.302	ug/l	97
26) 2,2-Dichloropropane	7.500	77	85345	19.399	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	68852	19.164	ug/l	97
28) Bromochloromethane	7.824	49	43619	19.157	ug/l	96
29) Tetrahydrofuran	7.847	42	103807	101.928	ug/l	99
30) Chloroform	7.977	83	113468	19.399	ug/l	94
31) Cyclohexane	8.265	56	92718	19.228	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	101290	19.533	ug/l	97
36) 1,1-Dichloropropene	8.377	75	78543	18.954	ug/l	98
37) Ethyl Acetate	7.565	43	67561	20.298	ug/l	97
38) Carbon Tetrachloride	8.371	117	88654	19.115	ug/l	97
39) Methylcyclohexane	9.606	83	98141	19.631	ug/l	99
40) Benzene	8.618	78	239472	18.731	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33321	19.259	ug/l	95
42) 1,2-Dichloroethane	8.677	62	80856	19.023	ug/l	100
43) Isopropyl Acetate	8.694	43	111671	20.339	ug/l	100
44) Trichloroethene	9.353	130	65463	18.175	ug/l	92
45) 1,2-Dichloropropane	9.629	63	59080	18.990	ug/l	94
46) Dibromomethane	9.712	93	44157	19.136	ug/l	99
47) Bromodichloromethane	9.894	83	87128	19.254	ug/l	98
48) Methyl methacrylate	9.682	41	50411	20.385	ug/l	97
49) 1,4-Dioxane	9.700	88	24556	403.914	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	348247	104.878	ug/l	98
52) Toluene	10.635	92	163255	19.606	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	87299	19.708	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	95107	19.555	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	64198	19.643	ug/l	98
56) Ethyl methacrylate	10.876	69	87705	20.203	ug/l	97
57) 1,3-Dichloropropane	11.165	76	102152	19.055	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	156538	113.259	ug/l	98
59) 2-Hexanone	11.200	43	253228	104.574	ug/l	99
60) Dibromochloromethane	11.359	129	68564	18.864	ug/l	97
61) 1,2-Dibromoethane	11.470	107	63756	19.277	ug/l	98
64) Tetrachloroethene	11.106	164	59553	18.780	ug/l	98
65) Chlorobenzene	11.894	112	173749	18.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	66417	19.386	ug/l	99
67) Ethyl Benzene	11.965	91	308171	19.741	ug/l	97
68) m/p-Xylenes	12.076	106	244331	39.544	ug/l	99
69) o-Xylene	12.400	106	122569	20.045	ug/l	98
70) Styrene	12.412	104	197181	20.282	ug/l	99
71) Bromoform	12.582	173	49785	19.970	ug/l #	100
73) Isopropylbenzene	12.700	105	318662	20.290	ug/l	99
74) N-amyl acetate	12.500	43	92565	20.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	92412	19.034	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	80588m	18.395	ug/l	
77) Bromobenzene	12.982	156	75078	18.889	ug/l	99
78) n-propylbenzene	13.041	91	354375	20.458	ug/l	99
79) 2-Chlorotoluene	13.129	91	209580	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	265769	20.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24248	19.923	ug/l	93
82) 4-Chlorotoluene	13.129	91	209580	19.382	ug/l	99
83) tert-Butylbenzene	13.441	119	243598	21.019	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	263797	20.230	ug/l	100
85) sec-Butylbenzene	13.623	105	327989	20.504	ug/l	99
86) p-Isopropyltoluene	13.735	119	276684	20.787	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	138776	18.901	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	136614	18.214	ug/l	98
89) n-Butylbenzene	14.059	91	212358	19.694	ug/l	100
90) Hexachloroethane	14.335	117	49090	20.618	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	137926	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14850	17.237	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63544	17.748	ug/l	98
94) Hexachlorobutadiene	15.506	225	35346	18.095	ug/l	99
95) Naphthalene	15.647	128	187083	17.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	63505	18.977	ug/l	100

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

