

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073459.D
 Acq On : 14 Jul 2022 14:26
 Operator : JC\MD
 Sample : VN0714WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS01

Quant Time: Jul 15 02:01:03 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 : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	197152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	341531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	309768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	147146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171081	60.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.220%			
35) Dibromofluoromethane	7.951	113	134111	59.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.040%			
50) Toluene-d8	10.380	98	461238	57.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.300%#			
62) 4-Bromofluorobenzene	12.669	95	182318	58.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	59975	20.807	ug/l	96
3) Chloromethane	2.269	50	55535	19.846	ug/l	99
4) Vinyl Chloride	2.404	62	48633	20.454	ug/l	99
5) Bromomethane	2.799	94	24783	22.068	ug/l	95
6) Chloroethane	2.963	64	31154	22.274	ug/l	94
7) Trichlorofluoromethane	3.310	101	89453	21.761	ug/l	98
8) Diethyl Ether	3.763	74	39178	23.413	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	54031	22.245	ug/l	96
10) Methyl Iodide	4.346	142	51214	18.442	ug/l	94
11) Tert butyl alcohol	5.287	59	83069	120.485	ug/l	100
12) 1,1-Dichloroethene	4.116	96	48492	20.894	ug/l	97
13) Acrolein	3.981	56	20980	48.143	ug/l	95
14) Allyl chloride	4.763	41	109225	22.340	ug/l #	92
15) Acrylonitrile	5.469	53	222907	125.593	ug/l	99
16) Acetone	4.222	43	214926	134.533	ug/l	94
17) Carbon Disulfide	4.451	76	108686	18.060	ug/l	95
18) Methyl Acetate	4.775	43	121062	27.041	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	196816	23.268	ug/l	99
20) Methylene Chloride	5.004	84	60519	21.556	ug/l	90
21) trans-1,2-Dichloroethene	5.516	96	51410	21.200	ug/l	96
22) Diisopropyl ether	6.410	45	224482	24.605	ug/l	96
23) Vinyl Acetate	6.345	43	950688	116.386	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	111008	23.512	ug/l	97
25) 2-Butanone	7.263	43	339573	133.506	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	93696	21.458	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	65385	22.265	ug/l	92
28) Bromochloromethane	7.581	49	54604	27.615	ug/l #	80
29) Tetrahydrofuran	7.610	42	225489	129.473	ug/l #	83
30) Chloroform	7.745	83	113736	23.918	ug/l	96
31) Cyclohexane	8.022	56	96543	20.712	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	96012	22.657	ug/l	98
36) 1,1-Dichloropropene	8.151	75	76466	21.870	ug/l	98
37) Ethyl Acetate	7.334	43	125622	23.779	ug/l #	94
38) Carbon Tetrachloride	8.133	117	78765	21.785	ug/l	97
39) Methylcyclohexane	9.392	83	90112	20.702	ug/l	93
40) Benzene	8.386	78	244176	22.629	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	59543	23.240	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	92633	23.683	ug/l	97
43) Isopropyl Acetate	8.492	43	187811	24.737	ug/l #	92
44) Trichloroethene	9.151	130	58034	21.135	ug/l	92
45) 1,2-Dichloropropane	9.422	63	65657	23.873	ug/l	94
46) Dibromomethane	9.510	93	43028	23.042	ug/l	92
47) Bromodichloromethane	9.698	83	87984	24.327	ug/l	98
48) Methyl methacrylate	9.498	41	80930	23.022	ug/l	90
49) 1,4-Dioxane	9.504	88	35633	533.948	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	635336	131.956	ug/l	89
52) Toluene	10.439	92	153313	22.991	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	89968	22.597	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	100406	23.359	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	66727	24.306	ug/l	95
56) Ethyl methacrylate	10.698	69	100008	22.539	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	111362	23.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	198779	100.449	ug/l	93
59) 2-Hexanone	11.027	43	491187	133.833	ug/l	88
60) Dibromochloromethane	11.180	129	64033	24.465	ug/l	99
61) 1,2-Dibromoethane	11.286	107	62700	22.866	ug/l	100
64) Tetrachloroethene	10.916	164	53372	21.100	ug/l	97
65) Chlorobenzene	11.710	112	156991	22.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	58256	22.607	ug/l	98
67) Ethyl Benzene	11.780	91	286219	22.504	ug/l	99
68) m/p-Xylenes	11.892	106	220923	46.025	ug/l	99
69) o-Xylene	12.221	106	108780	22.199	ug/l	97
70) Styrene	12.233	104	174559	23.073	ug/l	97
71) Bromoform	12.398	173	44854	23.788	ug/l #	98
73) Isopropylbenzene	12.516	105	283524	22.313	ug/l	99
74) N-amyl acetate	12.327	43	135875	21.355	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	100509	23.837	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	73967m	19.224	ug/l	
77) Bromobenzene	12.798	156	64536	21.845	ug/l	85
78) n-propylbenzene	12.857	91	325451	23.055	ug/l	98
79) 2-Chlorotoluene	12.945	91	202393	22.654	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	239925	23.166	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	31197	22.237	ug/l	88
82) 4-Chlorotoluene	13.045	91	192224	22.224	ug/l	96
83) tert-Butylbenzene	13.263	119	208140	22.416	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	236189	22.841	ug/l	98
85) sec-Butylbenzene	13.439	105	290219	23.277	ug/l	97
86) p-Isopropyltoluene	13.557	119	234611	23.294	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	118357	22.332	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	114541	21.570	ug/l	95
89) n-Butylbenzene	13.880	91	190118	22.652	ug/l	98
90) Hexachloroethane	14.151	117	41832	22.286	ug/l	80
91) 1,2-Dichlorobenzene	13.927	146	124287	23.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23679	23.105	ug/l	84
93) 1,2,4-Trichlorobenzene	15.192	180	61942	22.034	ug/l	99
94) Hexachlorobutadiene	15.298	225	28218	22.580	ug/l	99
95) Naphthalene	15.433	128	233740	20.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	64978	22.407	ug/l	98

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

