

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073386.D
 Acq On : 08 Jul 2022 12:15
 Operator : JC\MD
 Sample : VN0708WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Quant Time: Jul 09 05:22:25 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 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	246641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	421514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	381469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	180739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	173084	48.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.220%		
35) Dibromofluoromethane	7.951	113	141403	50.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	10.374	98	489095	49.105	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.668	95	194202	50.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	71138	19.728	ug/l	96
3) Chloromethane	2.269	50	64129	18.318	ug/l	99
4) Vinyl Chloride	2.404	62	57992	19.496	ug/l	99
5) Bromomethane	2.804	94	28948	20.605	ug/l	94
6) Chloroethane	2.969	64	34325	19.617	ug/l	92
7) Trichlorofluoromethane	3.316	101	103137	20.056	ug/l	99
8) Diethyl Ether	3.763	74	42913	20.499	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	62889	20.697	ug/l	98
10) Methyl Iodide	4.351	142	58251	17.038	ug/l	95
11) Tert butyl alcohol	5.281	59	81540	94.537	ug/l	98
12) 1,1-Dichloroethene	4.116	96	56577	19.486	ug/l	95
13) Acrolein	3.987	56	55667	102.109	ug/l	96
14) Allyl chloride	4.763	41	121918	19.933	ug/l #	95
15) Acrylonitrile	5.475	53	234506	105.616	ug/l	99
16) Acetone	4.222	43	222428	111.293	ug/l	94
17) Carbon Disulfide	4.457	76	133552	17.739	ug/l	97
18) Methyl Acetate	4.775	43	119964	21.419	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	222181	20.996	ug/l	98
20) Methylene Chloride	5.010	84	69724	19.851	ug/l #	83
21) trans-1,2-Dichloroethene	5.516	96	60172	19.834	ug/l	97
22) Diisopropyl ether	6.410	45	243473	21.332	ug/l	96
23) Vinyl Acetate	6.345	43	1058084	103.542	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	122803	20.791	ug/l	98
25) 2-Butanone	7.257	43	338382	106.344	ug/l	90
26) 2,2-Dichloropropane	7.245	77	106426	19.482	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	73032	19.879	ug/l	95
28) Bromochloromethane	7.580	49	55712	22.522	ug/l	83
29) Tetrahydrofuran	7.604	42	230028	105.577	ug/l	87
30) Chloroform	7.745	83	123117	20.696	ug/l	96
31) Cyclohexane	8.016	56	111284	19.084	ug/l	87
32) 1,1,1-Trichloroethane	7.939	97	108914	20.544	ug/l	99
36) 1,1-Dichloropropene	8.145	75	89704	20.788	ug/l	97
37) Ethyl Acetate	7.333	43	138802	21.288	ug/l	95
38) Carbon Tetrachloride	8.133	117	90296	20.235	ug/l	91
39) Methylcyclohexane	9.392	83	109206	20.328	ug/l	99
40) Benzene	8.386	78	268835	20.187	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	72362	22.884	ug/l #	78
42) 1,2-Dichloroethane	8.457	62	99404	20.592	ug/l	98
43) Isopropyl Acetate	8.492	43	199977	21.341	ug/l	93
44) Trichloroethene	9.145	130	67652	19.962	ug/l	91
45) 1,2-Dichloropropane	9.422	63	71002	20.918	ug/l	97
46) Dibromomethane	9.510	93	47058	20.418	ug/l	93
47) Bromodichloromethane	9.698	83	94908	21.262	ug/l	99
48) Methyl methacrylate	9.492	41	86013	19.825	ug/l	90
49) 1,4-Dioxane	9.504	88	33613	408.105	ug/l #	86
51) 4-Methyl-2-Pentanone	10.269	43	661129	111.258	ug/l	90
52) Toluene	10.439	92	171458	20.833	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	101797	20.716	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	112594	21.224	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	68165	20.119	ug/l	98
56) Ethyl methacrylate	10.698	69	115439	21.080	ug/l	87
57) 1,3-Dichloropropane	10.980	76	120930	20.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.974	63	270116	110.597	ug/l	94
59) 2-Hexanone	11.021	43	506075	111.725	ug/l	88
60) Dibromochloromethane	11.174	129	69639	21.558	ug/l	99
61) 1,2-Dibromoethane	11.280	107	70422	20.809	ug/l	97
64) Tetrachloroethene	10.910	164	63279	20.314	ug/l	94
65) Chlorobenzene	11.710	112	178161	20.651	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	65686	20.699	ug/l	99
67) Ethyl Benzene	11.780	91	319184	20.378	ug/l	98
68) m/p-Xylenes	11.892	106	242928	41.097	ug/l	95
69) o-Xylene	12.216	106	123621	20.486	ug/l	97
70) Styrene	12.233	104	195113	20.942	ug/l	98
71) Bromoform	12.392	173	49082	21.138	ug/l #	100
73) Isopropylbenzene	12.515	105	319928	20.498	ug/l	98
74) N-amyl acetate	12.327	43	150582	19.268	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	106492	20.562	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	94063m	19.903	ug/l	
77) Bromobenzene	12.798	156	73125	20.152	ug/l	88
78) n-propylbenzene	12.857	91	362206	20.890	ug/l	98
79) 2-Chlorotoluene	12.945	91	221717	20.204	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	262680	20.649	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	34656	20.111	ug/l	92
82) 4-Chlorotoluene	13.045	91	211696	19.926	ug/l	97
83) tert-Butylbenzene	13.262	119	234091	20.525	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	262058	20.633	ug/l	97
85) sec-Butylbenzene	13.439	105	322272	21.044	ug/l	99
86) p-Isopropyltoluene	13.551	119	263421	21.293	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	131028	20.127	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	126945	19.462	ug/l	96
89) n-Butylbenzene	13.880	91	210813	20.450	ug/l	99
90) Hexachloroethane	14.145	117	48679	21.114	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	133447	20.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25477	20.239	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	68786	19.921	ug/l	97
94) Hexachlorobutadiene	15.298	225	31328	20.409	ug/l	96
95) Naphthalene	15.433	128	270045	19.386	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	70901	19.905	ug/l	97

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

