

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073362.D
 Acq On : 07 Jul 2022 11:18
 Operator : JC\MD
 Sample : VN0707WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0707WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 07 15:02:39 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	241080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	414294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	372474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	173926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179612	51.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.220%			
35) Dibromofluoromethane	7.945	113	143224	51.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	10.375	98	485451	49.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.180%			
62) 4-Bromofluorobenzene	12.669	95	194420	51.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	65594	18.610	ug/l	95
3) Chloromethane	2.269	50	58601	17.125	ug/l	100
4) Vinyl Chloride	2.404	62	52812	18.164	ug/l	98
5) Bromomethane	2.804	94	26090	18.999	ug/l	90
6) Chloroethane	2.963	64	32531	19.020	ug/l	95
7) Trichlorofluoromethane	3.316	101	99119	19.719	ug/l	99
8) Diethyl Ether	3.763	74	41563	20.312	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.140	101	56285	18.951	ug/l	98
10) Methyl Iodide	4.346	142	53565	16.213	ug/l	93
11) Tert butyl alcohol	5.281	59	84671	100.431	ug/l	99
12) 1,1-Dichloroethene	4.116	96	54873	19.335	ug/l	96
13) Acrolein	3.981	56	69635	130.677	ug/l	97
14) Allyl chloride	4.763	41	115548	19.327	ug/l #	95
15) Acrylonitrile	5.469	53	227550	104.847	ug/l	99
16) Acetone	4.222	43	204743	104.807	ug/l	96
17) Carbon Disulfide	4.457	76	127949	17.387	ug/l	99
18) Methyl Acetate	4.769	43	116980	21.368	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	210446	20.346	ug/l	95
20) Methylene Chloride	5.010	84	66194	19.281	ug/l	94
21) trans-1,2-Dichloroethene	5.510	96	56063	18.906	ug/l #	81
22) Diisopropyl ether	6.410	45	234515	21.021	ug/l #	95
23) Vinyl Acetate	6.345	43	1016257	101.743	ug/l	94
24) 1,1-Dichloroethane	6.298	63	117890	20.420	ug/l	98
25) 2-Butanone	7.257	43	333627	107.268	ug/l	92
26) 2,2-Dichloropropane	7.245	77	94539	17.706	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	70272	19.569	ug/l	97
28) Bromochloromethane	7.581	49	55913	23.125	ug/l	83
29) Tetrahydrofuran	7.610	42	221874	104.184	ug/l	88
30) Chloroform	7.745	83	117704	20.242	ug/l	95
31) Cyclohexane	8.016	56	104150	18.273	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	102447	19.770	ug/l	98
36) 1,1-Dichloropropene	8.151	75	83511	19.690	ug/l	95
37) Ethyl Acetate	7.334	43	124722	19.462	ug/l	98
38) Carbon Tetrachloride	8.134	117	82250	18.753	ug/l	96
39) Methylcyclohexane	9.392	83	99634	18.869	ug/l	91
40) Benzene	8.386	78	256899	19.627	ug/l	97

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41) Methacrylonitrile	7.569	41	60066	19.327	ug/l	90
42) 1,2-Dichloroethane	8.463	62	97812	20.615	ug/l	97
43) Isopropyl Acetate	8.492	43	191292	20.770	ug/l	93
44) Trichloroethene	9.145	130	63645	19.107	ug/l	89
45) 1,2-Dichloropropane	9.428	63	67034	20.093	ug/l	97
46) Dibromomethane	9.510	93	45956	20.288	ug/l	89
47) Bromodichloromethane	9.698	83	90521	20.633	ug/l	97
48) Methyl methacrylate	9.492	41	83993	19.697	ug/l	90
49) 1,4-Dioxane	9.504	88	32649	403.309	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	632285	108.258	ug/l	91
52) Toluene	10.439	92	158899	19.644	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	96291	19.937	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	104236	19.991	ug/l #	87
55) 1,1,2-Trichloroethane	10.833	97	66882	20.084	ug/l	98
56) Ethyl methacrylate	10.698	69	107756	20.020	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	113788	19.933	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.975	63	244685	101.931	ug/l	95
59) 2-Hexanone	11.022	43	485479	109.046	ug/l	88
60) Dibromochloromethane	11.175	129	64879	20.434	ug/l	98
61) 1,2-Dibromoethane	11.286	107	67835	20.394	ug/l	99
64) Tetrachloroethene	10.910	164	59757	19.647	ug/l	98
65) Chlorobenzene	11.710	112	164949	19.581	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	63174	20.389	ug/l	97
67) Ethyl Benzene	11.780	91	302245	19.763	ug/l	100
68) m/p-Xylenes	11.892	106	227318	39.385	ug/l	95
69) o-Xylene	12.221	106	114566	19.444	ug/l	97
70) Styrene	12.233	104	183017	20.118	ug/l	98
71) Bromoform	12.398	173	46159	20.359	ug/l #	99
73) Isopropylbenzene	12.516	105	292448	19.472	ug/l	99
74) N-amyl acetate	12.327	43	141818	18.858	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	99660	19.996	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	88956m	19.560	ug/l	
77) Bromobenzene	12.798	156	69152	19.803	ug/l	89
78) n-propylbenzene	12.857	91	328540	19.691	ug/l	98
79) 2-Chlorotoluene	12.945	91	207373	19.637	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	245155	20.026	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	30545	18.419	ug/l	89
82) 4-Chlorotoluene	13.039	91	194458	19.021	ug/l	99
83) tert-Butylbenzene	13.263	119	210103	19.144	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	243009	19.882	ug/l	97
85) sec-Butylbenzene	13.439	105	292456	19.845	ug/l	99
86) p-Isopropyltoluene	13.557	119	238815	20.060	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	121824	19.447	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	119998	19.118	ug/l	97
89) n-Butylbenzene	13.880	91	192415	19.396	ug/l	99
90) Hexachloroethane	14.145	117	43406	19.564	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	120906	18.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23199	19.151	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	63944	19.244	ug/l	97
94) Hexachlorobutadiene	15.298	225	27603	18.687	ug/l	97
95) Naphthalene	15.433	128	246834	18.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	63782	18.608	ug/l	96

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

