

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073679.D
 Acq On : 02 Aug 2022 11:56
 Operator : JC\MD
 Sample : VN0802WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2022
 Supervised By : Mahesh Dadoda 08/03/2022

Quant Time: Aug 03 02:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	336976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	544220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	499376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	235683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	216703	52.769	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.540%			
35) Dibromofluoromethane	7.951	113	180502	52.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.640%			
50) Toluene-d8	10.381	98	711123	52.881	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.669	95	222363	49.574	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	57131	17.480	ug/l	96
3) Chloromethane	2.269	50	76728	17.925	ug/l	97
4) Vinyl Chloride	2.405	62	91447	15.998	ug/l	96
5) Bromomethane	2.805	94	66491	20.056	ug/l	94
6) Chloroethane	2.969	64	67964	19.069	ug/l	98
7) Trichlorofluoromethane	3.316	101	99536	16.896	ug/l	97
8) Diethyl Ether	3.769	74	41260	18.652	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	61348	18.822	ug/l	98
10) Methyl Iodide	4.351	142	64745	19.539	ug/l	97
11) Tert butyl alcohol	5.293	59	76261	86.108	ug/l	100
12) 1,1-Dichloroethene	4.116	96	55470	17.350	ug/l	93
13) Acrolein	3.981	56	116822	133.051	ug/l	98
14) Allyl chloride	4.763	41	86261	16.876	ug/l	97
15) Acrylonitrile	5.469	53	225195	91.921	ug/l	99
16) Acetone	4.222	43	182017	82.522	ug/l	96
17) Carbon Disulfide	4.457	76	138741	16.366	ug/l	96
18) Methyl Acetate	4.775	43	103153	18.798	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	209218	19.155	ug/l	96
20) Methylene Chloride	5.016	84	72760	19.026	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	62485	18.055	ug/l	96
22) Diisopropyl ether	6.410	45	202624	18.374	ug/l	96
23) Vinyl Acetate	6.351	43	874067	94.537	ug/l	99
24) 1,1-Dichloroethane	6.298	63	118056	17.401	ug/l	98
25) 2-Butanone	7.257	43	300848	87.829	ug/l	98
26) 2,2-Dichloropropane	7.245	77	93672	17.946	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	78876	18.498	ug/l	94
28) Bromochloromethane	7.587	49	56734	19.916	ug/l	99
29) Tetrahydrofuran	7.610	42	196384	90.679	ug/l	99
30) Chloroform	7.739	83	127860	18.089	ug/l	97
31) Cyclohexane	8.022	56	104716	17.128	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	104530	17.810	ug/l	98
36) 1,1-Dichloropropene	8.145	75	89050	18.283	ug/l	99
37) Ethyl Acetate	7.334	43	122750	19.137	ug/l	98
38) Carbon Tetrachloride	8.134	117	89021	17.996	ug/l	96
39) Methylcyclohexane	9.392	83	106636	18.322	ug/l	98
40) Benzene	8.386	78	290159	18.346	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	49778	17.150	ug/l	94
42) 1,2-Dichloroethane	8.463	62	98308	18.443	ug/l	98
43) Isopropyl Acetate	8.492	43	165373	19.088	ug/l	100
44) Trichloroethene	9.151	130	74997	18.699	ug/l	99
45) 1,2-Dichloropropane	9.428	63	73273	18.535	ug/l	98
46) Dibromomethane	9.516	93	52035	18.965	ug/l	99
47) Bromodichloromethane	9.698	83	98635	18.730	ug/l	97
48) Methyl methacrylate	9.498	41	70231	18.519	ug/l	91
49) 1,4-Dioxane	9.504	88	39862	372.883	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	596952	96.066	ug/l	100
52) Toluene	10.439	92	187999	19.460	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	100155	19.252	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	110170	18.792	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	78729	19.543	ug/l	97
56) Ethyl methacrylate	10.704	69	110848	19.964	ug/l	97
57) 1,3-Dichloropropane	10.986	76	128773	18.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	261773	95.492	ug/l	99
59) 2-Hexanone	11.028	43	453238	96.270	ug/l	99
60) Dibromochloromethane	11.180	129	77819	19.417	ug/l	100
61) 1,2-Dibromoethane	11.286	107	79169	19.081	ug/l	100
64) Tetrachloroethene	10.916	164	69596	17.536	ug/l	95
65) Chlorobenzene	11.710	112	197000	18.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	73226	19.247	ug/l	99
67) Ethyl Benzene	11.786	91	333061	18.612	ug/l	100
68) m/p-Xylenes	11.892	106	263761	38.646	ug/l	100
69) o-Xylene	12.222	106	129301	19.432	ug/l	99
70) Styrene	12.233	104	211439	19.851	ug/l	97
71) Bromoform	12.398	173	59443	18.929	ug/l #	100
73) Isopropylbenzene	12.522	105	328390	19.034	ug/l	100
74) N-amyl acetate	12.327	43	124545	19.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	121019	18.178	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	103676m	22.222	ug/l	
77) Bromobenzene	12.798	156	84242	18.750	ug/l	97
78) n-propylbenzene	12.863	91	369839	19.052	ug/l	99
79) 2-Chlorotoluene	12.945	91	228031	18.821	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	276371	19.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	33846	18.611	ug/l	99
82) 4-Chlorotoluene	13.045	91	216501	18.854	ug/l	97
83) tert-Butylbenzene	13.263	119	237252	18.866	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	276766	19.825	ug/l	99
85) sec-Butylbenzene	13.439	105	334634	19.253	ug/l	99
86) p-Isopropyltoluene	13.557	119	274411	20.027	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	149128	18.184	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	148442	18.091	ug/l	99
89) n-Butylbenzene	13.880	91	206166	18.492	ug/l	98
90) Hexachloroethane	14.145	117	49946	18.372	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	155700	18.736	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	25243	18.871	ug/l	96
93) 1,2,4-Trichlorobenzene	15.198	180	78087	18.922	ug/l	99
94) Hexachlorobutadiene	15.304	225	40886	18.224	ug/l	98
95) Naphthalene	15.439	128	279325	20.858	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	84883	19.543	ug/l	98

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

