

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071141.D
 Acq On : 02 Mar 2022 15:04
 Operator : JC\MD
 Sample : VN0302WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 03:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	654618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1045371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	941631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	369738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	405157	54.181	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.360%			
35) Dibromofluoromethane	8.016	113	316838	50.956	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.920%			
50) Toluene-d8	10.439	98	1263965	50.618	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.727	95	418247	46.860	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	112303	16.517	ug/l	95
3) Chloromethane	2.305	50	152704	17.868	ug/l	100
4) Vinyl Chloride	2.446	62	138168	16.151	ug/l	98
5) Bromomethane	2.852	94	81713	16.814	ug/l	95
6) Chloroethane	3.016	64	90276	16.085	ug/l	99
7) Trichlorofluoromethane	3.375	101	193324	18.032	ug/l	97
8) Diethyl Ether	3.828	74	83969	18.017	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	117529	17.867	ug/l	95
10) Methyl Iodide	4.422	142	151950	16.679	ug/l	98
11) Tert butyl alcohol	5.357	59	148834	109.213	ug/l	99
12) 1,1-Dichloroethene	4.187	96	108716	16.964	ug/l	92
13) Acrolein	4.040	56	99242	81.496	ug/l	99
14) Allyl chloride	4.840	41	231964	18.979	ug/l #	86
15) Acrylonitrile	5.551	53	453780	113.045	ug/l	97
16) Acetone	4.281	43	467606	113.546	ug/l	99
17) Carbon Disulfide	4.534	76	251714	13.696	ug/l	98
18) Methyl Acetate	4.851	43	213943	23.405	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	443845	19.743	ug/l	96
20) Methylene Chloride	5.098	84	137548	18.378	ug/l	92
21) trans-1,2-Dichloroethene	5.604	96	116280	16.905	ug/l	89
22) Diisopropyl ether	6.492	45	504270	21.511	ug/l	95
23) Vinyl Acetate	6.434	43	2114813	106.573	ug/l	99
24) 1,1-Dichloroethane	6.387	63	256711	19.535	ug/l	98
25) 2-Butanone	7.328	43	661330	120.716	ug/l	94
26) 2,2-Dichloropropane	7.322	77	203785	18.659	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	147805	18.696	ug/l	93
28) Bromochloromethane	7.657	49	100830	18.958	ug/l #	81
29) Tetrahydrofuran	7.681	42	425650	119.935	ug/l	90
30) Chloroform	7.816	83	247171	19.124	ug/l	99
31) Cyclohexane	8.092	56	240608	18.605	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	206338	18.487	ug/l	96
36) 1,1-Dichloropropene	8.222	75	176800	17.356	ug/l	97
37) Ethyl Acetate	7.410	43	243835	22.319	ug/l	98
38) Carbon Tetrachloride	8.210	117	172437	17.180	ug/l	100
39) Methylcyclohexane	9.457	83	219047	16.711	ug/l	94
40) Benzene	8.457	78	555286	18.428	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	127474	22.154	ug/l	89
42) 1,2-Dichloroethane	8.528	62	199763	19.465	ug/l	98
43) Isopropyl Acetate	8.557	43	395831	22.986	ug/l	96
44) Trichloroethene	9.210	130	131239	16.540	ug/l	92
45) 1,2-Dichloropropane	9.486	63	152010	19.694	ug/l	97
46) Dibromomethane	9.575	93	94347	18.574	ug/l	98
47) Bromodichloromethane	9.757	83	189675	18.476	ug/l	98
48) Methyl methacrylate	9.557	41	173339	21.266	ug/l #	84
49) 1,4-Dioxane	9.563	88	60417	417.325	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	1212627	115.738	ug/l	99
52) Toluene	10.504	92	349237	18.444	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	206992	18.543	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	225948	18.431	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	140900	19.011	ug/l	98
56) Ethyl methacrylate	10.757	69	229425	20.545	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	252130	19.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	181692	95.642	ug/l	94
59) 2-Hexanone	11.080	43	862475	119.691	ug/l	99
60) Dibromochloromethane	11.233	129	140598	17.950	ug/l	99
61) 1,2-Dibromoethane	11.339	107	139814	18.546	ug/l	100
64) Tetrachloroethene	10.975	164	115212	15.711	ug/l	96
65) Chlorobenzene	11.769	112	365853	18.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	138793	18.765	ug/l	96
67) Ethyl Benzene	11.839	91	655287	18.452	ug/l	99
68) m/p-Xylenes	11.951	106	491875	35.857	ug/l	100
69) o-Xylene	12.274	106	246869	18.423	ug/l	100
70) Styrene	12.292	104	377306	17.708	ug/l	98
71) Bromoform	12.457	173	104656	17.767	ug/l #	99
73) Isopropylbenzene	12.574	105	631065	21.205	ug/l	99
74) N-amyl acetate	12.386	43	225783	23.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	216751	22.919	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	169930m	19.520	ug/l	
77) Bromobenzene	12.857	156	146930	20.168	ug/l	82
78) n-propylbenzene	12.916	91	685293	20.495	ug/l	98
79) 2-Chlorotoluene	13.004	91	433727	21.359	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	512066	21.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	58065	21.614	ug/l	92
82) 4-Chlorotoluene	13.104	91	389702	19.770	ug/l	96
83) tert-Butylbenzene	13.321	119	454809	19.890	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	491422	20.705	ug/l	100
85) sec-Butylbenzene	13.498	105	608377	20.192	ug/l	99
86) p-Isopropyltoluene	13.610	119	482252	19.497	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	239621	18.580	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	229138	18.134	ug/l	97
89) n-Butylbenzene	13.939	91	351809	17.434	ug/l	97
90) Hexachloroethane	14.210	117	91566	20.729	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	237155	19.583	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33680	21.981	ug/l	91
93) 1,2,4-Trichlorobenzene	15.257	180	101679	16.339	ug/l	97
94) Hexachlorobutadiene	15.368	225	69906	15.829	ug/l	99
95) Naphthalene	15.504	128	231217	17.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	96736	17.155	ug/l	98

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

