

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071440.D
 Acq On : 22 Mar 2022 00:55
 Operator : JC\MD
 Sample : VN0321WBSD03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:28:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	607242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1012676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	924649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	366686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	438488	52.687	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.380%			
35) Dibromofluoromethane	8.016	113	330896	51.781	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.560%			
50) Toluene-d8	10.439	98	1300449	50.543	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.727	95	441342	50.656	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	111029	16.683	ug/l	100
3) Chloromethane	2.299	50	162015	18.111	ug/l	99
4) Vinyl Chloride	2.440	62	147173	18.045	ug/l	96
5) Bromomethane	2.828	94	78727	17.764	ug/l	94
6) Chloroethane	2.999	64	94539	19.140	ug/l	99
7) Trichlorofluoromethane	3.363	101	203390	18.946	ug/l	99
8) Diethyl Ether	3.822	74	90496	19.700	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	114568	18.436	ug/l	97
10) Methyl Iodide	4.422	142	152435	17.367	ug/l	98
11) Tert butyl alcohol	5.363	59	183156	112.027	ug/l	98
12) 1,1-Dichloroethene	4.181	96	113395	18.627	ug/l	95
13) Acrolein	4.034	56	80749	46.663	ug/l	97
14) Allyl chloride	4.840	41	245083	18.510	ug/l	87
15) Acrylonitrile	5.551	53	503558	103.728	ug/l	99
16) Acetone	4.281	43	430486	106.307	ug/l	100
17) Carbon Disulfide	4.528	76	262450	15.143	ug/l	100
18) Methyl Acetate	4.851	43	248891	23.140	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	471786	20.641	ug/l	96
20) Methylene Chloride	5.087	84	145150	19.844	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	120101	18.036	ug/l	91
22) Diisopropyl ether	6.487	45	528502	20.260	ug/l	94
23) Vinyl Acetate	6.428	43	2283647	103.409	ug/l	98
24) 1,1-Dichloroethane	6.381	63	273603	19.849	ug/l	100
25) 2-Butanone	7.328	43	710771	108.961	ug/l	96
26) 2,2-Dichloropropane	7.322	77	182195	17.133	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	157159	19.886	ug/l	91
28) Bromochloromethane	7.651	49	101127	16.475	ug/l #	80
29) Tetrahydrofuran	7.681	42	482062	106.672	ug/l	92
30) Chloroform	7.816	83	261323	19.877	ug/l	100
31) Cyclohexane	8.086	56	239361	18.010	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	225693	20.154	ug/l	97
36) 1,1-Dichloropropene	8.216	75	186309	18.197	ug/l	97
37) Ethyl Acetate	7.410	43	285286	20.246	ug/l	97
38) Carbon Tetrachloride	8.204	117	189026	19.087	ug/l	99
39) Methylcyclohexane	9.457	83	212539	17.646	ug/l	96
40) Benzene	8.457	78	594105	19.259	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	144820	21.001	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	215378	20.063	ug/l	99
43) Isopropyl Acetate	8.557	43	442869	21.017	ug/l #	94
44) Trichloroethene	9.210	130	136615	18.769	ug/l	99
45) 1,2-Dichloropropane	9.486	63	161052	19.448	ug/l	98
46) Dibromomethane	9.575	93	100239	19.667	ug/l	97
47) Bromodichloromethane	9.757	83	202749	19.684	ug/l	96
48) Methyl methacrylate	9.557	41	186622	19.111	ug/l #	88
49) 1,4-Dioxane	9.569	88	76463	450.476	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	1403876	107.352	ug/l	99
52) Toluene	10.504	92	367073	19.324	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	216907	19.103	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	237529	19.146	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	150020	19.709	ug/l	98
56) Ethyl methacrylate	10.757	69	254936	20.509	ug/l	92
57) 1,3-Dichloropropane	11.039	76	267847	19.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	267492	118.873	ug/l	94
59) 2-Hexanone	11.080	43	1040207	116.579	ug/l	100
60) Dibromochloromethane	11.233	129	150856	19.946	ug/l	100
61) 1,2-Dibromoethane	11.339	107	153518	19.733	ug/l	97
64) Tetrachloroethene	10.975	164	116829	18.116	ug/l	98
65) Chlorobenzene	11.763	112	379780	19.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	144901	19.901	ug/l	98
67) Ethyl Benzene	11.839	91	686292	19.547	ug/l	97
68) m/p-Xylenes	11.951	106	512733	39.919	ug/l	99
69) o-Xylene	12.274	106	259305	20.140	ug/l	98
70) Styrene	12.292	104	409267	20.535	ug/l	97
71) Bromoform	12.451	173	111714	20.203	ug/l #	99
73) Isopropylbenzene	12.574	105	660284	18.680	ug/l	99
74) N-amyl acetate	12.380	43	288879	21.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	241602	21.542	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	192066m	19.913	ug/l	
77) Bromobenzene	12.857	156	155607	18.878	ug/l	81
78) n-propylbenzene	12.916	91	713785	18.818	ug/l	96
79) 2-Chlorotoluene	13.004	91	454402	18.662	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	519548	18.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	62569	18.445	ug/l	99
82) 4-Chlorotoluene	13.098	91	417005	19.227	ug/l	95
83) tert-Butylbenzene	13.321	119	480057	19.560	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	510819	19.392	ug/l	98
85) sec-Butylbenzene	13.498	105	631560	19.361	ug/l	99
86) p-Isopropyltoluene	13.610	119	498188	19.419	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	252048	18.820	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	245505	18.753	ug/l	97
89) n-Butylbenzene	13.939	91	364169	18.149	ug/l	96
90) Hexachloroethane	14.204	117	95020	18.625	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	248213	19.277	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43892	21.341	ug/l	85
93) 1,2,4-Trichlorobenzene	15.257	180	109382	20.103	ug/l	100
94) Hexachlorobutadiene	15.368	225	68681	19.001	ug/l	98
95) Naphthalene	15.504	128	339046	23.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	112730	21.244	ug/l	98

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

