

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071052.D
 Acq On : 24 Feb 2022 13:56
 Operator : JC\MD
 Sample : VN0224WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 02:42:55 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	8.080	168	571249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	903439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	812649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	327293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	359320	55.064	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.120%			
35) Dibromofluoromethane	8.016	113	278679	51.860	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.720%			
50) Toluene-d8	10.439	98	1090557	50.535	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.727	95	358122	46.427	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	102660	17.303	ug/l	96
3) Chloromethane	2.298	50	142422	19.097	ug/l	99
4) Vinyl Chloride	2.446	62	132223	17.711	ug/l	100
5) Bromomethane	2.845	94	78452	18.499	ug/l	98
6) Chloroethane	3.016	64	81889	16.720	ug/l	96
7) Trichlorofluoromethane	3.375	101	181268	19.375	ug/l	91
8) Diethyl Ether	3.822	74	77735	19.113	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	107030	18.646	ug/l	96
10) Methyl Iodide	4.422	142	145218	18.267	ug/l	98
11) Tert butyl alcohol	5.357	59	124351	104.564	ug/l	98
12) 1,1-Dichloroethene	4.187	96	98208	17.560	ug/l	93
13) Acrolein	4.040	56	108413	102.020	ug/l	98
14) Allyl chloride	4.845	41	208750	19.572	ug/l #	86
15) Acrylonitrile	5.551	53	398828	113.856	ug/l	98
16) Acetone	4.281	43	319283	88.845	ug/l	96
17) Carbon Disulfide	4.534	76	244709	15.258	ug/l	98
18) Methyl Acetate	4.851	43	184918	23.177	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	402112	20.497	ug/l	94
20) Methylene Chloride	5.098	84	127677	19.549	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	109210	18.194	ug/l	98
22) Diisopropyl ether	6.492	45	457549	22.367	ug/l	92
23) Vinyl Acetate	6.428	43	1900921	109.774	ug/l	98
24) 1,1-Dichloroethane	6.381	63	233075	20.325	ug/l	99
25) 2-Butanone	7.328	43	527565	110.353	ug/l	97
26) 2,2-Dichloropropane	7.316	77	178742	18.755	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	134990	19.567	ug/l	92
28) Bromochloromethane	7.651	49	111474	24.018	ug/l	84
29) Tetrahydrofuran	7.680	42	360447	116.385	ug/l	93
30) Chloroform	7.816	83	227426	20.164	ug/l	99
31) Cyclohexane	8.092	56	218258	19.340	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	189496	19.455	ug/l	97
36) 1,1-Dichloropropene	8.222	75	159104	18.072	ug/l	97
37) Ethyl Acetate	7.404	43	218874	23.181	ug/l	97
38) Carbon Tetrachloride	8.204	117	158379	18.258	ug/l	99
39) Methylcyclohexane	9.457	83	195025	17.216	ug/l	92
40) Benzene	8.457	78	515497	19.795	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	116196	23.366	ug/l #	84
42) 1,2-Dichloroethane	8.527	62	183911	20.736	ug/l	97
43) Isopropyl Acetate	8.557	43	320547	21.539	ug/l	98
44) Trichloroethene	9.216	130	122444	17.855	ug/l	91
45) 1,2-Dichloropropane	9.486	63	142647	21.384	ug/l	98
46) Dibromomethane	9.574	93	87154	19.853	ug/l	99
47) Bromodichloromethane	9.757	83	173315	19.534	ug/l	100
48) Methyl methacrylate	9.551	41	154154	21.883	ug/l #	84
49) 1,4-Dioxane	9.563	88	52994	423.558	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	1043807	115.276	ug/l	99
52) Toluene	10.498	92	318050	19.436	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	184752	19.150	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	204237	19.277	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	130493	20.373	ug/l	97
56) Ethyl methacrylate	10.757	69	203981	21.136	ug/l	91
57) 1,3-Dichloropropane	11.039	76	230283	20.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	165948	99.271	ug/l	95
59) 2-Hexanone	11.080	43	711974	114.328	ug/l	99
60) Dibromochloromethane	11.233	129	128875	19.038	ug/l	100
61) 1,2-Dibromoethane	11.339	107	128625	19.743	ug/l	99
64) Tetrachloroethene	10.974	164	114200	18.044	ug/l	95
65) Chlorobenzene	11.763	112	324749	18.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	123446	19.339	ug/l	99
67) Ethyl Benzene	11.839	91	581153	18.962	ug/l	97
68) m/p-Xylenes	11.951	106	443271	37.443	ug/l	100
69) o-Xylene	12.274	106	218751	18.915	ug/l	96
70) Styrene	12.292	104	342658	18.634	ug/l	97
71) Bromoform	12.451	173	92798	18.254	ug/l #	98
73) Isopropylbenzene	12.574	105	563733	21.399	ug/l	99
74) N-amyl acetate	12.386	43	188411	22.374	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	198089	23.662	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	146516m	19.013	ug/l	
77) Bromobenzene	12.857	156	131257	20.353	ug/l	84
78) n-propylbenzene	12.915	91	604803	20.433	ug/l	99
79) 2-Chlorotoluene	13.004	91	381879	21.245	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	448455	21.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	49018	20.612	ug/l	92
82) 4-Chlorotoluene	13.104	91	359410	20.598	ug/l	95
83) tert-Butylbenzene	13.321	119	400500	19.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	437265	20.813	ug/l	100
85) sec-Butylbenzene	13.498	105	533195	19.992	ug/l	99
86) p-Isopropyltoluene	13.610	119	431801	19.722	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	219797	19.253	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	211693	18.926	ug/l	98
89) n-Butylbenzene	13.939	91	295946	16.567	ug/l	97
90) Hexachloroethane	14.204	117	78688	20.124	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	216814	20.225	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30489	22.479	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	87492	15.938	ug/l	99
94) Hexachlorobutadiene	15.362	225	63558	16.258	ug/l	98
95) Naphthalene	15.504	128	182802	16.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	82250	16.577	ug/l	100

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

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