

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071747.D
 Acq On : 01 Apr 2022 12:54
 Operator : JC\MD
 Sample : VN0401WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 00:52:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	544297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	859338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	789391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	304189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	335190	53.943	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.880%			
35) Dibromofluoromethane	8.022	113	274881	54.360	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.720%			
50) Toluene-d8	10.439	98	1104004	53.370	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.740%			
62) 4-Bromofluorobenzene	12.727	95	357225	53.396	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	80841	18.682	ug/l	100
3) Chloromethane	2.299	50	96430	17.586	ug/l	99
4) Vinyl Chloride	2.440	62	106386	17.667	ug/l	100
5) Bromomethane	2.840	94	70741	18.072	ug/l	97
6) Chloroethane	3.010	64	72491	16.734	ug/l	95
7) Trichlorofluoromethane	3.369	101	137615	17.963	ug/l	97
8) Diethyl Ether	3.828	74	65024	20.083	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	87940	18.627	ug/l	97
10) Methyl Iodide	4.422	142	120653	18.282	ug/l	99
11) Tert butyl alcohol	5.363	59	105837	104.956	ug/l	99
12) 1,1-Dichloroethene	4.181	96	81979	18.247	ug/l	94
13) Acrolein	4.040	56	145855	118.626	ug/l	98
14) Allyl chloride	4.840	41	138823	19.038	ug/l	96
15) Acrylonitrile	5.545	53	319013	108.838	ug/l	98
16) Acetone	4.287	43	236743	89.150	ug/l	99
17) Carbon Disulfide	4.528	76	174021	16.882	ug/l	99
18) Methyl Acetate	4.851	43	139054	20.245	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	340587	20.406	ug/l	98
20) Methylene Chloride	5.093	84	109223	19.514	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	90126	18.274	ug/l	99
22) Diisopropyl ether	6.492	45	319533	20.129	ug/l	99
23) Vinyl Acetate	6.428	43	1340202	106.165	ug/l	99
24) 1,1-Dichloroethane	6.387	63	182209	19.552	ug/l	98
25) 2-Butanone	7.334	43	390773	102.075	ug/l	100
26) 2,2-Dichloropropane	7.328	77	148491	18.548	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	118861	19.653	ug/l	97
28) Bromochloromethane	7.651	49	83358	22.174	ug/l	99
29) Tetrahydrofuran	7.681	42	259982	104.879	ug/l	99
30) Chloroform	7.816	83	192064	19.518	ug/l	98
31) Cyclohexane	8.092	56	150863	17.853	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	157848	18.751	ug/l	98
36) 1,1-Dichloropropene	8.222	75	127828	18.102	ug/l	100
37) Ethyl Acetate	7.410	43	155349	20.099	ug/l	97
38) Carbon Tetrachloride	8.204	117	131071	18.939	ug/l	98
39) Methylcyclohexane	9.457	83	156225	18.585	ug/l	98
40) Benzene	8.457	78	430411	19.295	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	79994	21.138	ug/l	94
42) 1,2-Dichloroethane	8.528	62	152881	19.812	ug/l	99
43) Isopropyl Acetate	8.557	43	264262	20.556	ug/l	97
44) Trichloroethene	9.216	130	107595	18.722	ug/l	99
45) 1,2-Dichloropropane	9.486	63	111387	19.988	ug/l	97
46) Dibromomethane	9.575	93	76210	20.142	ug/l	99
47) Bromodichloromethane	9.757	83	149203	20.033	ug/l	99
48) Methyl methacrylate	9.557	41	107838	20.219	ug/l	93
49) 1,4-Dioxane	9.569	88	52216	404.437	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	781030	105.668	ug/l	99
52) Toluene	10.504	92	278354	19.740	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	161305	20.664	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	174776	20.264	ug/l	97
55) 1,1,2-Trichloroethane	10.898	97	118349	20.393	ug/l	99
56) Ethyl methacrylate	10.757	69	176741	21.348	ug/l	95
57) 1,3-Dichloropropane	11.039	76	198354	20.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	195067	88.307	ug/l	100
59) 2-Hexanone	11.080	43	554157	106.489	ug/l	98
60) Dibromochloromethane	11.233	129	118364	20.917	ug/l	98
61) 1,2-Dibromoethane	11.339	107	117488	20.567	ug/l	99
64) Tetrachloroethene	10.975	164	94073	18.047	ug/l	99
65) Chlorobenzene	11.769	112	299333	18.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	111225	19.501	ug/l	99
67) Ethyl Benzene	11.839	91	515335	19.259	ug/l	100
68) m/p-Xylenes	11.951	106	396253	38.542	ug/l	100
69) o-Xylene	12.280	106	198302	19.432	ug/l	98
70) Styrene	12.292	104	309369	20.009	ug/l	99
71) Bromoform	12.451	173	90739	20.891	ug/l #	99
73) Isopropylbenzene	12.574	105	503729	19.651	ug/l	99
74) N-amyl acetate	12.386	43	153767	20.937	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	179322	20.967	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	135458m	19.223	ug/l	
77) Bromobenzene	12.857	156	121840	18.961	ug/l	98
78) n-propylbenzene	12.916	91	530678	19.681	ug/l	99
79) 2-Chlorotoluene	13.004	91	338399	19.569	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	405861	19.984	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	46921	20.634	ug/l	99
82) 4-Chlorotoluene	13.104	91	310516	19.373	ug/l	99
83) tert-Butylbenzene	13.321	119	360528	19.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	394966	19.932	ug/l	99
85) sec-Butylbenzene	13.498	105	475780	19.770	ug/l	100
86) p-Isopropyltoluene	13.610	119	381797	19.897	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	196934	19.237	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	189952	19.019	ug/l	98
89) n-Butylbenzene	13.939	91	266134	18.699	ug/l	100
90) Hexachloroethane	14.210	117	72656	20.684	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	192328	19.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28641	21.589	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	82746	18.465	ug/l	99
94) Hexachlorobutadiene	15.368	225	53942	18.198	ug/l	100
95) Naphthalene	15.504	128	215051	18.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	83653	19.391	ug/l	98

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

