

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071772.D
 Acq On : 01 Apr 2022 23:45
 Operator : JC\MD
 Sample : VN0401WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS02

Quant Time: Apr 02 00:59:32 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	499523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	796356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	694177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	243861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	304901	53.467	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.940%			
35) Dibromofluoromethane	8.022	113	250316	53.417	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.840%			
50) Toluene-d8	10.439	98	1027226	53.586	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.180%			
62) 4-Bromofluorobenzene	12.727	95	288014	46.455	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	66811	16.824	ug/l	98
3) Chloromethane	2.304	50	85699	17.030	ug/l	98
4) Vinyl Chloride	2.446	62	92961	16.822	ug/l	96
5) Bromomethane	2.857	94	63533	17.685	ug/l	96
6) Chloroethane	3.022	64	60909	15.321	ug/l	94
7) Trichlorofluoromethane	3.375	101	117326	16.687	ug/l	100
8) Diethyl Ether	3.828	74	51497	17.331	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	74451	17.183	ug/l	99
10) Methyl Iodide	4.428	142	98091	16.196	ug/l	99
11) Tert butyl alcohol	5.369	59	87733	94.801	ug/l	100
12) 1,1-Dichloroethene	4.187	96	69789	16.926	ug/l	95
13) Acrolein	4.045	56	112543	99.737	ug/l	99
14) Allyl chloride	4.839	41	113451	16.953	ug/l	95
15) Acrylonitrile	5.557	53	268361	99.764	ug/l	99
16) Acetone	4.287	43	207499	85.142	ug/l	94
17) Carbon Disulfide	4.539	76	143739	15.194	ug/l	99
18) Methyl Acetate	4.857	43	116507	18.347	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	271683	17.737	ug/l	97
20) Methylene Chloride	5.098	84	91946	17.899	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	74698	16.503	ug/l	100
22) Diisopropyl ether	6.498	45	265268	18.208	ug/l	98
23) Vinyl Acetate	6.433	43	1088521	93.957	ug/l	100
24) 1,1-Dichloroethane	6.386	63	155548	18.187	ug/l	99
25) 2-Butanone	7.333	43	328117	93.391	ug/l	97
26) 2,2-Dichloropropane	7.328	77	107302	14.604	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	98141	17.682	ug/l	96
28) Bromochloromethane	7.657	49	72456	21.001	ug/l	96
29) Tetrahydrofuran	7.686	42	228255	100.334	ug/l	100
30) Chloroform	7.816	83	160785	17.804	ug/l	97
31) Cyclohexane	8.092	56	128309	16.545	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	137569	17.807	ug/l	98
36) 1,1-Dichloropropene	8.222	75	110311	16.857	ug/l	98
37) Ethyl Acetate	7.410	43	130444	18.212	ug/l	99
38) Carbon Tetrachloride	8.204	117	110661	17.255	ug/l	99
39) Methylcyclohexane	9.457	83	128274	16.467	ug/l	99
40) Benzene	8.463	78	366063	17.708	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	63690	18.160	ug/l	95
42) 1,2-Dichloroethane	8.527	62	124511	17.412	ug/l	98
43) Isopropyl Acetate	8.557	43	204072	17.129	ug/l	99
44) Trichloroethene	9.216	130	90544	17.001	ug/l	95
45) 1,2-Dichloropropane	9.486	63	92221	17.858	ug/l	99
46) Dibromomethane	9.574	93	61737	17.607	ug/l	98
47) Bromodichloromethane	9.763	83	124123	17.983	ug/l	98
48) Methyl methacrylate	9.557	41	92919	18.799	ug/l	96
49) 1,4-Dioxane	9.563	88	44553	371.265	ug/l	100
51) 4-Methyl-2-Pentanone	10.327	43	662562	96.729	ug/l	98
52) Toluene	10.504	92	233352	17.858	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	123420	17.061	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	137354	17.185	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	98603	18.335	ug/l	97
56) Ethyl methacrylate	10.757	69	140383	18.298	ug/l	94
57) 1,3-Dichloropropane	11.039	76	163057	18.134	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	123161	65.571	ug/l	98
59) 2-Hexanone	11.080	43	452000	93.727	ug/l	99
60) Dibromochloromethane	11.233	129	97256	18.546	ug/l	98
61) 1,2-Dibromoethane	11.339	107	96543	18.237	ug/l	100
64) Tetrachloroethene	10.974	164	82351	17.965	ug/l	97
65) Chlorobenzene	11.768	112	242652	17.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	91238	18.190	ug/l	98
67) Ethyl Benzene	11.839	91	406804	17.288	ug/l	97
68) m/p-Xylenes	11.951	106	306485	33.899	ug/l	100
69) o-Xylene	12.280	106	153600	17.116	ug/l	99
70) Styrene	12.292	104	231944	17.059	ug/l	99
71) Bromoform	12.457	173	68017	17.807	ug/l #	98
73) Isopropylbenzene	12.574	105	392955	19.122	ug/l	99
74) N-amyl acetate	12.386	43	106538	18.095	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	137666	20.078	ug/l	100
76) 1,2,3-Trichloropropane	12.880	75	105283m	18.637	ug/l	
77) Bromobenzene	12.857	156	90558	17.579	ug/l	98
78) n-propylbenzene	12.915	91	396388	18.338	ug/l	100
79) 2-Chlorotoluene	13.004	91	259303	18.705	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	316503	19.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	30755	16.871	ug/l	95
82) 4-Chlorotoluene	13.104	91	228104	17.752	ug/l	99
83) tert-Butylbenzene	13.321	119	279282	18.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	301680	18.990	ug/l	99
85) sec-Butylbenzene	13.498	105	356906	18.499	ug/l	99
86) p-Isopropyltoluene	13.609	119	279426	18.164	ug/l	99
87) 1,3-Dichlorobenzene	13.615	146	144512	17.608	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	138134	17.252	ug/l	98
89) n-Butylbenzene	13.939	91	184680	16.186	ug/l	99
90) Hexachloroethane	14.209	117	51417	18.259	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	146176	18.143	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	21424	20.144	ug/l	98
93) 1,2,4-Trichlorobenzene	15.256	180	57366	16.250	ug/l	98
94) Hexachlorobutadiene	15.362	225	39125	16.465	ug/l	99
95) Naphthalene	15.503	128	135805	15.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	55824	16.546	ug/l	100

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

