

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072200.D
 Acq On : 26 Apr 2022 15:37
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 26 16:53:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	247937	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	424944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	383497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	139175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	40742	13.616	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	27.240%#		
35) Dibromofluoromethane	8.016	113	29298	11.606	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	23.220%#		
50) Toluene-d8	10.434	98	110607	10.744	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	21.480%#		
62) 4-Bromofluorobenzene	12.727	95	34347	10.268	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	20.540%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	30516	14.766	ug/l	96
3) Chloromethane	2.299	50	36767	14.161	ug/l	96
4) Vinyl Chloride	2.440	62	28662	10.664	ug/l	96
5) Bromomethane	2.852	94	17046	10.141	ug/l	100
6) Chloroethane	3.022	64	17803	9.232	ug/l	91
7) Trichlorofluoromethane	3.375	101	52269	14.440	ug/l	94
8) Diethyl Ether	3.828	74	18490	12.257	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.216	101	27556	12.647	ug/l	96
10) Methyl Iodide	4.422	142	31084	10.446	ug/l	# 82
11) Tert butyl alcohol	5.357	59	31654	65.850	ug/l	99
12) 1,1-Dichloroethene	4.181	96	24726	11.940	ug/l	96
13) Acrolein	4.046	56	32554	58.480	ug/l	94
14) Allyl chloride	4.840	41	49326	13.979	ug/l	92
15) Acrylonitrile	5.551	53	99997	71.158	ug/l	98
16) Acetone	4.287	43	82887	65.382	ug/l	100
17) Carbon Disulfide	4.528	76	57287	11.911	ug/l	100
18) Methyl Acetate	4.852	43	51324	13.284	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	96474	12.386	ug/l	97
20) Methylene Chloride	5.104	84	32342	12.464	ug/l	91
21) trans-1,2-Dichloroethene	5.593	96	26481	11.657	ug/l	93
22) Diisopropyl ether	6.493	45	107748	14.249	ug/l	95
23) Vinyl Acetate	6.434	43	441161	72.802	ug/l	96
24) 1,1-Dichloroethane	6.387	63	59443	13.540	ug/l	99
25) 2-Butanone	7.328	43	130735	70.449	ug/l	94
26) 2,2-Dichloropropane	7.316	77	45732	12.331	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	32409	11.686	ug/l	88
28) Bromochloromethane	7.657	49	27126	14.552	ug/l	# 80
29) Tetrahydrofuran	7.681	42	90169	74.971	ug/l	89
30) Chloroform	7.816	83	60682	13.278	ug/l	94
31) Cyclohexane	8.093	56	54210	13.539	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	51772	13.160	ug/l	97
36) 1,1-Dichloropropene	8.216	75	40635	11.506	ug/l	96
37) Ethyl Acetate	7.410	43	55509	13.991	ug/l	95
38) Carbon Tetrachloride	8.204	117	43374	12.469	ug/l	88
39) Methylcyclohexane	9.457	83	43368	10.441	ug/l	91
40) Benzene	8.451	78	125647	11.318	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	26396	13.277	ug/l	87
42) 1,2-Dichloroethane	8.522	62	50022	12.791	ug/l	97
43) Isopropyl Acetate	8.557	43	87169	13.216	ug/l #	92
44) Trichloroethene	9.216	130	29628	10.607	ug/l	90
45) 1,2-Dichloropropane	9.487	63	33855	12.048	ug/l	93
46) Dibromomethane	9.575	93	21862	11.613	ug/l	91
47) Bromodichloromethane	9.757	83	45148	12.071	ug/l	97
48) Methyl methacrylate	9.557	41	34295	12.347	ug/l	96
49) 1,4-Dioxane	9.569	88	12770	188.810	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	261377	68.218	ug/l	94
52) Toluene	10.504	92	77533	11.098	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	43984	11.259	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	48396	11.255	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	32267	11.241	ug/l	96
56) Ethyl methacrylate	10.757	69	46612	11.215	ug/l	92
57) 1,3-Dichloropropane	11.039	76	56324	11.627	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	51956	54.014	ug/l	92
59) 2-Hexanone	11.081	43	179490	66.464	ug/l	91
60) Dibromochloromethane	11.233	129	31787	11.316	ug/l	98
61) 1,2-Dibromoethane	11.339	107	31306	11.099	ug/l	100
64) Tetrachloroethene	10.969	164	24548	9.920	ug/l	95
65) Chlorobenzene	11.769	112	79894	10.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	30585	11.055	ug/l	97
67) Ethyl Benzene	11.839	91	139843	10.766	ug/l	99
68) m/p-Xylenes	11.951	106	102870	20.773	ug/l	92
69) o-Xylene	12.280	106	48739	9.913	ug/l	85
70) Styrene	12.292	104	77324	10.382	ug/l	96
71) Bromoform	12.457	173	23021	11.084	ug/l #	100
73) Isopropylbenzene	12.575	105	130503	11.090	ug/l	97
74) N-amyl acetate	12.386	43	45336	12.940	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	51009	12.881	ug/l	98
76) 1,2,3-Trichloropropane	12.875	75	46398m	13.984	ug/l	
77) Bromobenzene	12.857	156	29018	10.008	ug/l	79
78) n-propylbenzene	12.916	91	140830	11.319	ug/l	96
79) 2-Chlorotoluene	13.004	91	96039	11.998	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	110553	11.772	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.622	75	11822	11.193	ug/l	89
82) 4-Chlorotoluene	13.104	91	85301	11.493	ug/l	95
83) tert-Butylbenzene	13.322	119	95757	11.252	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	105945	11.543	ug/l	98
85) sec-Butylbenzene	13.498	105	122823	11.117	ug/l	96
86) p-Isopropyltoluene	13.610	119	94681	10.769	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	50023	10.788	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	47615	10.527	ug/l	94
89) n-Butylbenzene	13.939	91	67728	10.303	ug/l	96
90) Hexachloroethane	14.204	117	20181	12.445	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	48609	10.654	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	8422	13.316	ug/l	77
93) 1,2,4-Trichlorobenzene	15.257	180	16854	9.512	ug/l	98
94) Hexachlorobutadiene	15.368	225	12717	9.633	ug/l	97
95) Naphthalene	15.504	128	42132	9.428	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	16865	10.221	ug/l	96

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

