

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071176.D
 Acq On : 07 Mar 2022 15:17
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 08 01:18:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 01:13:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	628121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1013747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	928147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	340225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	167411	22.972	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	45.940%#		
35) Dibromofluoromethane	8.022	113	126707	21.362	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	42.720%#		
50) Toluene-d8	10.439	98	508371	21.208	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	42.420%#		
62) 4-Bromofluorobenzene	12.727	95	159073	18.743	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	37.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	130233	19.951	ug/l	98
3) Chloromethane	2.305	50	185768	22.085	ug/l	99
4) Vinyl Chloride	2.446	62	158455	19.256	ug/l	97
5) Bromomethane	2.846	94	90411	19.844	ug/l	95
6) Chloroethane	3.016	64	96110	17.745	ug/l	96
7) Trichlorofluoromethane	3.375	101	211712	20.406	ug/l	95
8) Diethyl Ether	3.828	74	90141	19.993	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	122439	19.424	ug/l	96
10) Methyl Iodide	4.428	142	170435	19.542	ug/l	99
11) Tert butyl alcohol	5.363	59	149383	110.016	ug/l	98
12) 1,1-Dichloroethene	4.187	96	119280	19.344	ug/l	93
13) Acrolein	4.046	56	164417	128.555	ug/l	98
14) Allyl chloride	4.840	41	256092	21.303	ug/l	86
15) Acrylonitrile	5.551	53	479924	119.366	ug/l	99
16) Acetone	4.287	43	392344	98.825	ug/l	96
17) Carbon Disulfide	4.540	76	330493	18.722	ug/l	96
18) Methyl Acetate	4.857	43	218136	21.950	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	454984	20.901	ug/l	96
20) Methylene Chloride	5.098	84	151441	20.818	ug/l	91
21) trans-1,2-Dichloroethene	5.604	96	131455	19.875	ug/l	90
22) Diisopropyl ether	6.498	45	526736	22.846	ug/l	90
23) Vinyl Acetate	6.434	43	2224117	113.406	ug/l	99
24) 1,1-Dichloroethane	6.387	63	273514	21.360	ug/l	99
25) 2-Butanone	7.334	43	644204	118.206	ug/l	98
26) 2,2-Dichloropropane	7.322	77	212105	20.198	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	157083	20.577	ug/l	91
28) Bromochloromethane	7.657	49	124808	23.721	ug/l #	81
29) Tetrahydrofuran	7.687	42	449450	125.059	ug/l	90
30) Chloroform	7.816	83	261379	20.851	ug/l	99
31) Cyclohexane	8.092	56	265374	21.088	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	219738	20.377	ug/l	97
36) 1,1-Dichloropropene	8.222	75	200886	20.365	ug/l	96
37) Ethyl Acetate	7.410	43	268015	24.258	ug/l	97
38) Carbon Tetrachloride	8.204	117	190897	19.684	ug/l	98
39) Methylcyclohexane	9.457	83	235976	18.792	ug/l	92
40) Benzene	8.457	78	610878	20.849	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	141803	25.001	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	213009	21.196	ug/l	98
43) Isopropyl Acetate	8.557	43	391801	22.898	ug/l	98
44) Trichloroethene	9.216	130	143918	18.905	ug/l	93
45) 1,2-Dichloropropane	9.486	63	163259	21.575	ug/l	99
46) Dibromomethane	9.581	93	100268	20.345	ug/l	96
47) Bromodichloromethane	9.763	83	203055	20.349	ug/l	98
48) Methyl methacrylate	9.557	41	186995	22.939	ug/l #	84
49) 1,4-Dioxane	9.563	88	65264	451.095	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1272259	120.289	ug/l	99
52) Toluene	10.504	92	378812	20.613	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	218030	20.103	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	243761	20.487	ug/l	96
55) 1,1,2-Trichloroethane	10.898	97	147525	20.498	ug/l	98
56) Ethyl methacrylate	10.757	69	238382	21.734	ug/l #	90
57) 1,3-Dichloropropane	11.045	76	269264	21.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	176439	94.960	ug/l	94
59) 2-Hexanone	11.080	43	872077	119.855	ug/l	100
60) Dibromochloromethane	11.239	129	147855	19.582	ug/l	100
61) 1,2-Dibromoethane	11.345	107	152294	20.777	ug/l	99
64) Tetrachloroethene	10.975	164	128842	18.184	ug/l	96
65) Chlorobenzene	11.769	112	382916	19.262	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	141581	19.515	ug/l	99
67) Ethyl Benzene	11.839	91	692983	19.857	ug/l	96
68) m/p-Xylenes	11.951	106	516632	38.625	ug/l	97
69) o-Xylene	12.274	106	254271	19.367	ug/l	97
70) Styrene	12.292	104	389674	18.775	ug/l	97
71) Bromoform	12.457	173	108524	18.862	ug/l #	99
73) Isopropylbenzene	12.574	105	651963	23.272	ug/l	99
74) N-amyl acetate	12.386	43	217728	23.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	223199	24.714	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	204199m	25.578	ug/l	
77) Bromobenzene	12.857	156	147802	21.751	ug/l	81
78) n-propylbenzene	12.916	91	695008	22.195	ug/l	97
79) 2-Chlorotoluene	13.004	91	443577	23.209	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	526030	23.280	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	57737	22.280	ug/l	92
82) 4-Chlorotoluene	13.104	91	392748	21.405	ug/l	94
83) tert-Butylbenzene	13.321	119	459780	21.602	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	499823	22.519	ug/l	99
85) sec-Butylbenzene	13.498	105	608238	21.637	ug/l	99
86) p-Isopropyltoluene	13.610	119	473612	20.692	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	234572	19.806	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	222251	19.193	ug/l	96
89) n-Butylbenzene	13.939	91	334861	18.129	ug/l	97
90) Hexachloroethane	14.210	117	90380	21.831	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	229406	20.536	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34974	23.924	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	93477	17.312	ug/l	99
94) Hexachlorobutadiene	15.368	225	66617	16.870	ug/l	97
95) Naphthalene	15.504	128	210970	18.345	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	89868	18.207	ug/l	99

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

