

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072839.D
 Acq On : 14 Jun 2022 18:09
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 15 02:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 02:19:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	277471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	513149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	459407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	164088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	43876	10.440	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	20.880%#		
35) Dibromofluoromethane	8.016	113	31854	10.145	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	20.280%#		
50) Toluene-d8	10.439	98	125223	9.935	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	19.860%#		
62) 4-Bromofluorobenzene	12.727	95	40249	9.326	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	18.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	27474	11.828	ug/l	93
3) Chloromethane	2.293	50	31393	11.583	ug/l	98
4) Vinyl Chloride	2.434	62	25999	11.849	ug/l	90
5) Bromomethane	2.846	94	12473	16.202	ug/l #	80
6) Chloroethane	3.010	64	18378	11.511	ug/l	94
7) Trichlorofluoromethane	3.363	101	51361	11.959	ug/l	100
8) Diethyl Ether	3.822	74	24140	12.439	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	31125	12.091	ug/l	94
10) Methyl Iodide	4.410	142	24776	10.254	ug/l	94
11) Tert butyl alcohol	5.375	59	59584	13.184	ug/l	98
12) 1,1-Dichloroethene	4.175	96	28421	11.573	ug/l	97
13) Acrolein	4.040	56	24408	87.424	ug/l	96
14) Allyl chloride	4.840	41	68595	12.071	ug/l #	91
15) Acrylonitrile	5.551	53	149416	62.817	ug/l	100
16) Acetone	4.281	43	139856	61.936	ug/l	90
17) Carbon Disulfide	4.528	76	54003	10.175	ug/l	98
18) Methyl Acetate	4.851	43	77364	11.693	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	130419	12.780	ug/l	99
20) Methylene Chloride	5.093	84	40179	11.978	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	29921	11.225	ug/l	96
22) Diisopropyl ether	6.487	45	144020	12.581	ug/l #	93
23) Vinyl Acetate	6.428	43	623024	61.506	ug/l #	93
24) 1,1-Dichloroethane	6.387	63	70993	12.310	ug/l	95
25) 2-Butanone	7.334	43	226016	63.953	ug/l	89
26) 2,2-Dichloropropane	7.322	77	52108	11.803	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	40628	11.586	ug/l	91
28) Bromochloromethane	7.651	49	28338	10.005	ug/l #	79
29) Tetrahydrofuran	7.681	42	146480	64.452	ug/l	86
30) Chloroform	7.816	83	71581	12.121	ug/l	100
31) Cyclohexane	8.092	56	57692	11.846	ug/l #	89
32) 1,1,1-Trichloroethane	8.010	97	58748	12.138	ug/l	99
36) 1,1-Dichloropropene	8.216	75	46902	11.636	ug/l	94
37) Ethyl Acetate	7.410	43	83041	12.772	ug/l	96
38) Carbon Tetrachloride	8.198	117	48539	12.038	ug/l	95
39) Methylcyclohexane	9.457	83	49911	10.801	ug/l	93
40) Benzene	8.457	78	153687	11.941	ug/l	98

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41) Methacrylonitrile	7.633	41	42119	12.193	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	59609	12.257	ug/l	98
43) Isopropyl Acetate	8.557	43	123820	11.458	ug/l #	93
44) Trichloroethene	9.210	130	36201	11.454	ug/l	88
45) 1,2-Dichloropropane	9.486	63	43702	12.876	ug/l	96
46) Dibromomethane	9.569	93	27669	11.922	ug/l	89
47) Bromodichloromethane	9.763	83	56009	11.942	ug/l	99
48) Methyl methacrylate	9.557	41	59102	12.461	ug/l	88
49) 1,4-Dioxane	9.569	88	23071	254.658	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	431992	62.412	ug/l	91
52) Toluene	10.504	92	97413	11.994	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	55440	11.100	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	61722	11.528	ug/l #	89
55) 1,1,2-Trichloroethane	10.898	97	43212	12.161	ug/l	97
56) Ethyl methacrylate	10.757	69	71686	11.830	ug/l #	86
57) 1,3-Dichloropropane	11.045	76	74732	12.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	124051	49.128	ug/l	94
59) 2-Hexanone	11.080	43	323779	63.119	ug/l	89
60) Dibromochloromethane	11.233	129	40764	11.627	ug/l	97
61) 1,2-Dibromoethane	11.339	107	42798	11.992	ug/l	98
64) Tetrachloroethene	10.980	164	32025	11.421	ug/l	92
65) Chlorobenzene	11.769	112	101041	11.771	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	38980	12.213	ug/l	100
67) Ethyl Benzene	11.839	91	179955	11.472	ug/l	100
68) m/p-Xylenes	11.951	106	131956	23.247	ug/l	96
69) o-Xylene	12.274	106	69880	11.900	ug/l	99
70) Styrene	12.292	104	105994	11.629	ug/l	98
71) Bromoform	12.457	173	28805	12.076	ug/l #	95
73) Isopropylbenzene	12.574	105	174699	11.927	ug/l	99
74) N-amyl acetate	12.386	43	82441	11.444	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.821	83	68650	12.878	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	48277m	10.312	ug/l	
77) Bromobenzene	12.863	156	39023	12.128	ug/l	83
78) n-propylbenzene	12.916	91	182202	11.386	ug/l	97
79) 2-Chlorotoluene	13.004	91	120458	11.712	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	137801	11.922	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.627	75	15963	10.663	ug/l #	84
82) 4-Chlorotoluene	13.104	91	111093	11.716	ug/l	96
83) tert-Butylbenzene	13.321	119	121962	11.629	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	134061	12.159	ug/l	96
85) sec-Butylbenzene	13.498	105	167241	11.907	ug/l	96
86) p-Isopropyltoluene	13.615	119	129236	12.085	ug/l	97
87) 1,3-Dichlorobenzene	13.615	146	62800	11.596	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	61733	11.343	ug/l	94
89) n-Butylbenzene	13.939	91	98718	10.933	ug/l	98
90) Hexachloroethane	14.210	117	24598	11.107	ug/l	82
91) 1,2-Dichlorobenzene	13.986	146	63469	11.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12869	10.926	ug/l	88
93) 1,2,4-Trichlorobenzene	15.262	180	29039	10.435	ug/l	98
94) Hexachlorobutadiene	15.368	225	13775	11.242	ug/l	97
95) Naphthalene	15.504	128	113436	10.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	30723	10.437	ug/l	96

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

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