

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072799.D
 Acq On : 13 Jun 2022 11:51
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 13 13:35:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 13:32:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	154778	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	280868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	298655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	148176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	206941	74.370	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 148.740%#			
35) Dibromofluoromethane	8.016	113	137498	66.413	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 132.820%			
50) Toluene-d8	10.439	98	557294	69.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 139.520%#			
62) 4-Bromofluorobenzene	12.727	95	197862	73.506	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 147.020%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	114397	56.691	ug/l	98
3) Chloromethane	2.293	50	118692	54.550	ug/l	99
4) Vinyl Chloride	2.434	62	127391	70.277	ug/l	98
5) Bromomethane	2.822	94	52147	51.420	ug/l	99
6) Chloroethane	2.998	64	90226	75.107	ug/l	93
7) Trichlorofluoromethane	3.357	101	207092	63.522	ug/l	99
8) Diethyl Ether	3.822	74	80969	67.997	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.204	101	112658	63.219	ug/l	87
10) Methyl Iodide	4.416	142	84376	39.986	ug/l	# 84
11) Tert butyl alcohol	5.363	59	210481	432.874	ug/l	99
12) 1,1-Dichloroethene	4.175	96	99049	60.132	ug/l	89
13) Acrolein	4.040	56	50398	145.239	ug/l	99
14) Allyl chloride	4.834	41	234027	72.772	ug/l	# 90
15) Acrylonitrile	5.545	53	500714	411.364	ug/l	97
16) Acetone	4.281	43	464550	420.173	ug/l	93
17) Carbon Disulfide	4.522	76	212391	51.628	ug/l	100
18) Methyl Acetate	4.845	43	249342	78.815	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	485435	76.903	ug/l	99
20) Methylene Chloride	5.087	84	134237	64.332	ug/l	# 81
21) trans-1,2-Dichloroethene	5.587	96	107083	61.917	ug/l	92
22) Diisopropyl ether	6.492	45	509690	76.513	ug/l	97
23) Vinyl Acetate	6.428	43	2340261	412.391	ug/l	# 92
24) 1,1-Dichloroethane	6.381	63	259168	70.693	ug/l	98
25) 2-Butanone	7.328	43	762277	433.941	ug/l	91
26) 2,2-Dichloropropane	7.316	77	232610	74.187	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	146829	68.618	ug/l	87
28) Bromochloromethane	7.651	49	132237	80.965	ug/l	# 74
29) Tetrahydrofuran	7.681	42	476423	423.853	ug/l	89
30) Chloroform	7.810	83	274055	72.807	ug/l	97
31) Cyclohexane	8.092	56	209326	61.308	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	241142	70.597	ug/l	96
36) 1,1-Dichloropropene	8.216	75	183042	64.244	ug/l	95
37) Ethyl Acetate	7.404	43	289716	79.126	ug/l	# 95
38) Carbon Tetrachloride	8.204	117	196662	62.029	ug/l	97
39) Methylcyclohexane	9.457	83	208612	65.444	ug/l	92
40) Benzene	8.457	78	557141	64.980	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	154068	83.125	ug/l #	86
42) 1,2-Dichloroethane	8.527	62	243434	69.101	ug/l	94
43) Isopropyl Acetate	8.557	43	458728	81.007	ug/l #	92
44) Trichloroethene	9.216	130	128543	60.136	ug/l	90
45) 1,2-Dichloropropane	9.486	63	155906	70.074	ug/l	99
46) Dibromomethane	9.574	93	108345	69.726	ug/l #	83
47) Bromodichloromethane	9.757	83	227210	71.379	ug/l	99
48) Methyl methacrylate	9.557	41	208871	80.335	ug/l #	83
49) 1,4-Dioxane	9.563	88	78450	1715.022	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	1587014	440.838	ug/l	90
52) Toluene	10.504	92	360755	67.968	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	248922	76.095	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	254614	73.687	ug/l #	80
55) 1,1,2-Trichloroethane	10.898	97	154295	68.817	ug/l	97
56) Ethyl methacrylate	10.757	69	279473	83.620	ug/l #	79
57) 1,3-Dichloropropane	11.039	76	272466	71.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	630644	703.293	ug/l	92
59) 2-Hexanone	11.080	43	1209313	469.095	ug/l	88
60) Dibromochloromethane	11.233	129	167493	70.529	ug/l	100
61) 1,2-Dibromoethane	11.345	107	157443	70.553	ug/l	99
64) Tetrachloroethene	10.974	164	108658	49.793	ug/l	91
65) Chlorobenzene	11.768	112	382924	59.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	153400	59.669	ug/l	96
67) Ethyl Benzene	11.839	91	730684	65.354	ug/l	96
68) m/p-Xylenes	11.951	106	519485	124.507	ug/l	88
69) o-Xylene	12.274	106	265910	64.406	ug/l	90
70) Styrene	12.292	104	429763	67.632	ug/l	94
71) Bromoform	12.457	173	113892	60.613	ug/l #	98
73) Isopropylbenzene	12.574	105	712813	56.513	ug/l	97
74) N-amyl acetate	12.386	43	372204	76.574	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	259438	55.468	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	219537m	53.139	ug/l	
77) Bromobenzene	12.857	156	140378	47.808	ug/l	67
78) n-propylbenzene	12.915	91	812068	59.780	ug/l	95
79) 2-Chlorotoluene	13.004	91	497254	55.990	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	581829	56.720	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	85970	67.752	ug/l	88
82) 4-Chlorotoluene	13.104	91	463027	55.209	ug/l	93
83) tert-Butylbenzene	13.321	119	511206	56.820	ug/l	90
84) 1,2,4-Trimethylbenzene	13.362	105	576660	57.491	ug/l	94
85) sec-Butylbenzene	13.498	105	716539	59.271	ug/l	96
86) p-Isopropyltoluene	13.610	119	568122	60.564	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	248620	48.988	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	246400	48.615	ug/l	96
89) n-Butylbenzene	13.939	91	480472	65.560	ug/l	96
90) Hexachloroethane	14.209	117	116666	60.828	ug/l	73
91) 1,2-Dichlorobenzene	13.986	146	248462	49.014	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	59322	70.670	ug/l	73
93) 1,2,4-Trichlorobenzene	15.262	180	120272	61.427	ug/l	97
94) Hexachlorobutadiene	15.368	225	53755	43.171	ug/l	98
95) Naphthalene	15.504	128	494274	81.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	126391	63.883	ug/l	95

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

