

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072384.D
 Acq On : 09 May 2022 18:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 10 06:47:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	279791	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	456509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	412436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	178126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	205266	47.787	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.580%		
35) Dibromofluoromethane	8.016	113	158276	54.169	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	108.340%		
50) Toluene-d8	10.439	98	602307	52.460	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.920%		
62) 4-Bromofluorobenzene	12.727	95	211148	55.406	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	121278	38.635	ug/l	98
3) Chloromethane	2.299	50	128398	36.265	ug/l	98
4) Vinyl Chloride	2.440	62	103212	32.769	ug/l	97
5) Bromomethane	2.828	94	65556	43.174	ug/l	94
6) Chloroethane	2.999	64	69122	38.442	ug/l	100
7) Trichlorofluoromethane	3.369	101	220529	40.077	ug/l	92
8) Diethyl Ether	3.828	74	92204	46.275	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.216	101	124848	43.194	ug/l	99
10) Methyl Iodide	4.422	142	153106	43.638	ug/l	93
11) Tert butyl alcohol	5.357	59	149250	211.436	ug/l	98
12) 1,1-Dichloroethene	4.181	96	110734	41.438	ug/l	90
13) Acrolein	4.040	56	128671	181.131	ug/l	97
14) Allyl chloride	4.840	41	241232	43.478	ug/l	92
15) Acrylonitrile	5.551	53	464495	218.060	ug/l	99
16) Acetone	4.281	43	388699	209.889	ug/l	94
17) Carbon Disulfide	4.528	76	214144	34.175	ug/l	99
18) Methyl Acetate	4.851	43	238099	45.987	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	496869	47.435	ug/l	98
20) Methylene Chloride	5.093	84	142741	40.211	ug/l	91
21) trans-1,2-Dichloroethene	5.592	96	119641	40.602	ug/l	93
22) Diisopropyl ether	6.492	45	518201	45.343	ug/l	96
23) Vinyl Acetate	6.428	43	2196067	228.800	ug/l	95
24) 1,1-Dichloroethane	6.381	63	274555	42.949	ug/l	98
25) 2-Butanone	7.328	43	630619	213.818	ug/l	92
26) 2,2-Dichloropropane	7.322	77	224388	44.936	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	157151	43.747	ug/l	94
28) Bromochloromethane	7.657	49	123832	43.261	ug/l	85
29) Tetrahydrofuran	7.675	42	417876	215.895	ug/l	88
30) Chloroform	7.816	83	282027	43.940	ug/l	99
31) Cyclohexane	8.092	56	211935	36.927	ug/l	86
32) 1,1,1-Trichloroethane	8.010	97	245798	45.000	ug/l	99
36) 1,1-Dichloropropene	8.216	75	188942	44.425	ug/l	97
37) Ethyl Acetate	7.404	43	253064	44.805	ug/l	97
38) Carbon Tetrachloride	8.204	117	204490	44.892	ug/l	97
39) Methylcyclohexane	9.457	83	208263	43.782	ug/l	95
40) Benzene	8.457	78	578747	43.871	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	125818	44.034	ug/l	92
42) 1,2-Dichloroethane	8.528	62	226357	44.819	ug/l	98
43) Isopropyl Acetate	8.557	43	401734	45.376	ug/l	95
44) Trichloroethene	9.210	130	142610	46.472	ug/l	91
45) 1,2-Dichloropropane	9.486	63	161530	45.314	ug/l	99
46) Dibromomethane	9.575	93	105012	47.026	ug/l	93
47) Bromodichloromethane	9.757	83	224425	47.897	ug/l	98
48) Methyl methacrylate	9.557	41	181096	48.540	ug/l	94
49) 1,4-Dioxane	9.569	88	59672	910.501	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	1306125	245.089	ug/l	93
52) Toluene	10.498	92	370342	46.959	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	237554	50.435	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	251826	49.438	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	161915	48.965	ug/l	98
56) Ethyl methacrylate	10.757	69	256410	44.547	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	275015	47.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	315200	205.688	ug/l	93
59) 2-Hexanone	11.080	43	920257	245.095	ug/l	92
60) Dibromochloromethane	11.233	129	172229	50.935	ug/l	99
61) 1,2-Dibromoethane	11.339	107	157600	48.462	ug/l	99
64) Tetrachloroethene	10.974	164	123565	49.772	ug/l	95
65) Chlorobenzene	11.763	112	403765	48.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	159737	50.871	ug/l	99
67) Ethyl Benzene	11.839	91	729539	50.199	ug/l	98
68) m/p-Xylenes	11.951	106	546002	101.174	ug/l	95
69) o-Xylene	12.274	106	275249	52.611	ug/l	96
70) Styrene	12.292	104	453702	55.055	ug/l	99
71) Bromoform	12.451	173	125758	53.849	ug/l #	100
73) Isopropylbenzene	12.574	105	730738	46.449	ug/l	98
74) N-amyl acetate	12.380	43	280863	47.652	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	245632	46.719	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	212746m	51.119	ug/l	
77) Bromobenzene	12.857	156	164951	44.337	ug/l	91
78) n-propylbenzene	12.916	91	809353	46.699	ug/l	98
79) 2-Chlorotoluene	13.004	91	499556	43.883	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	606402	46.284	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	69370	45.030	ug/l	94
82) 4-Chlorotoluene	13.098	91	480733	45.365	ug/l	96
83) tert-Butylbenzene	13.316	119	546437	47.502	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	589857	46.531	ug/l	98
85) sec-Butylbenzene	13.498	105	735985	49.074	ug/l	98
86) p-Isopropyltoluene	13.610	119	596274	50.997	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	295721	49.112	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	285138	48.694	ug/l	97
89) n-Butylbenzene	13.939	91	456812	51.007	ug/l	98
90) Hexachloroethane	14.204	117	106506	41.962	ug/l	89
91) 1,2-Dichlorobenzene	13.980	146	296101	49.892	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	47420	43.582	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	128939	47.142	ug/l	97
94) Hexachlorobutadiene	15.362	225	71538	44.983	ug/l	99
95) Naphthalene	15.498	128	402907	44.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	133858	49.010	ug/l	97

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

