

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071895.D
 Acq On : 07 Apr 2022 10:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 08 01:11:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	497342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	773512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	736186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	303191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	271252	47.775	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.540%		
35) Dibromofluoromethane	8.016	113	231626	50.888	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.780%		
50) Toluene-d8	10.439	98	916425	49.218	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.727	95	317939	52.797	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	174280	44.078	ug/l	98
3) Chloromethane	2.299	50	209618	41.838	ug/l	99
4) Vinyl Chloride	2.440	62	226229	41.116	ug/l	96
5) Bromomethane	2.828	94	147830	41.331	ug/l	99
6) Chloroethane	2.999	64	170569	43.092	ug/l	100
7) Trichlorofluoromethane	3.369	101	327748	46.819	ug/l	96
8) Diethyl Ether	3.828	74	162050	54.776	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	211255	48.971	ug/l	98
10) Methyl Iodide	4.422	142	293873	48.734	ug/l	99
11) Tert butyl alcohol	5.363	59	265467	288.112	ug/l	99
12) 1,1-Dichloroethene	4.181	96	193312	47.091	ug/l	97
13) Acrolein	4.040	56	279248	248.559	ug/l	99
14) Allyl chloride	4.840	41	334378	50.185	ug/l	93
15) Acrylonitrile	5.546	53	793139	296.145	ug/l	99
16) Acetone	4.281	43	573887	236.512	ug/l	94
17) Carbon Disulfide	4.528	76	388581	41.256	ug/l	98
18) Methyl Acetate	4.851	43	329513	54.990	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	850379	55.760	ug/l	99
20) Methylene Chloride	5.093	84	264776	51.771	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	218257	48.432	ug/l	99
22) Diisopropyl ether	6.493	45	797770	54.999	ug/l	95
23) Vinyl Acetate	6.428	43	3334245	289.061	ug/l	99
24) 1,1-Dichloroethane	6.381	63	449859	52.830	ug/l	99
25) 2-Butanone	7.328	43	973224	278.219	ug/l	98
26) 2,2-Dichloropropane	7.322	77	363168	49.646	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	297848	53.898	ug/l	96
28) Bromochloromethane	7.651	49	177532	51.683	ug/l	97
29) Tetrahydrofuran	7.675	42	626934	276.789	ug/l	97
30) Chloroform	7.816	83	480128	53.399	ug/l	98
31) Cyclohexane	8.092	56	339464	43.964	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	381124	49.548	ug/l	98
36) 1,1-Dichloropropene	8.216	75	311121	48.947	ug/l	99
37) Ethyl Acetate	7.404	43	371398	53.384	ug/l	97
38) Carbon Tetrachloride	8.204	117	313633	50.347	ug/l	97
39) Methylcyclohexane	9.457	83	377337	49.871	ug/l	97
40) Benzene	8.457	78	1052603	52.423	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	162723m	47.769	ug/l	
42) 1,2-Dichloroethane	8.522	62	362384	52.173	ug/l	97
43) Isopropyl Acetate	8.557	43	605717	52.344	ug/l	98
44) Trichloroethene	9.210	130	263961	51.027	ug/l	95
45) 1,2-Dichloropropane	9.481	63	279588	55.738	ug/l	98
46) Dibromomethane	9.569	93	185599	54.496	ug/l	98
47) Bromodichloromethane	9.757	83	380503	56.756	ug/l	99
48) Methyl methacrylate	9.551	41	279782	58.277	ug/l	94
49) 1,4-Dioxane	9.563	88	137400	1209.247	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	1976954	297.146	ug/l	96
52) Toluene	10.498	92	695715	54.813	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	416970	59.344	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	449849	57.944	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	302441	57.898	ug/l	99
56) Ethyl methacrylate	10.757	69	469788	63.042	ug/l	93
57) 1,3-Dichloropropane	11.039	76	498139	57.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	524666	230.138	ug/l	100
59) 2-Hexanone	11.080	43	1409992	301.012	ug/l	96
60) Dibromochloromethane	11.233	129	316830	62.203	ug/l	99
61) 1,2-Dibromoethane	11.339	107	297474	57.852	ug/l	99
64) Tetrachloroethene	10.975	164	230817	47.480	ug/l	99
65) Chlorobenzene	11.763	112	779775	52.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	290585	54.629	ug/l	100
67) Ethyl Benzene	11.839	91	1326736	53.166	ug/l	98
68) m/p-Xylenes	11.951	106	1036561	108.108	ug/l	99
69) o-Xylene	12.275	106	526227	55.294	ug/l	98
70) Styrene	12.286	104	849957	58.945	ug/l	99
71) Bromoform	12.451	173	246816	60.931	ug/l	99
73) Isopropylbenzene	12.574	105	1320255	51.675	ug/l	99
74) N-amyl acetate	12.380	43	412528	56.354	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	440928	51.724	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	337128m	47.999	ug/l	
77) Bromobenzene	12.857	156	327444	51.125	ug/l	99
78) n-propylbenzene	12.916	91	1437034	53.470	ug/l	100
79) 2-Chlorotoluene	13.004	91	905166	52.517	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1087841	53.740	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	129462	57.121	ug/l	95
82) 4-Chlorotoluene	13.098	91	850025	53.207	ug/l	100
83) tert-Butylbenzene	13.322	119	976374	52.765	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1082654	54.815	ug/l	100
85) sec-Butylbenzene	13.498	105	1308229	54.538	ug/l	100
86) p-Isopropyltoluene	13.610	119	1082581	56.603	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	540581	52.979	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	518427	52.079	ug/l	99
89) n-Butylbenzene	13.939	91	802322	56.559	ug/l	100
90) Hexachloroethane	14.204	117	196584	56.149	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	536031	53.511	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74905	56.649	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	258371	53.398	ug/l	98
94) Hexachlorobutadiene	15.363	225	148414	50.235	ug/l	98
95) Naphthalene	15.504	128	769331	55.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	261189	55.594	ug/l	100

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

