

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073812.D
 Acq On : 10 Aug 2022 21:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 10 22:57:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	410230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	652394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	604773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	325814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	240906	48.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.380%		
35) Dibromofluoromethane	7.951	113	213643	52.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.300%		
50) Toluene-d8	10.380	98	806274	50.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.020%		
62) 4-Bromofluorobenzene	12.669	95	283669	50.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	221966	55.785	ug/l	97
3) Chloromethane	2.263	50	258808	54.336	ug/l	99
4) Vinyl Chloride	2.405	62	333831	47.971	ug/l	99
5) Bromomethane	2.775	94	166877	41.348	ug/l	96
6) Chloroethane	2.940	64	215757	53.298	ug/l	96
7) Trichlorofluoromethane	3.304	101	453317	63.207	ug/l	99
8) Diethyl Ether	3.763	74	141178	52.425	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.128	101	204845	51.625	ug/l	98
10) Methyl Iodide	4.340	142	246700	61.157	ug/l	99
11) Tert butyl alcohol	5.298	59	298042	276.432	ug/l	100
12) 1,1-Dichloroethene	4.104	96	201966	51.891	ug/l	94
13) Acrolein	3.975	56	283220	264.965	ug/l	98
14) Allyl chloride	4.751	41	306486	49.253	ug/l	100
15) Acrylonitrile	5.475	53	790738	265.132	ug/l	100
16) Acetone	4.222	43	668212	248.852	ug/l	99
17) Carbon Disulfide	4.451	76	538543	52.184	ug/l	100
18) Methyl Acetate	4.775	43	356827	53.414	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	723486	54.411	ug/l	98
20) Methylene Chloride	5.010	84	245666	56.856	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	220890	52.428	ug/l	95
22) Diisopropyl ether	6.410	45	701365	52.243	ug/l	98
23) Vinyl Acetate	6.351	43	3146221	279.522	ug/l	99
24) 1,1-Dichloroethane	6.304	63	412120	49.899	ug/l	98
25) 2-Butanone	7.263	43	1073927	257.536	ug/l	99
26) 2,2-Dichloropropane	7.245	77	205452	32.333	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	267627	51.555	ug/l	92
28) Bromochloromethane	7.587	49	163704	47.206	ug/l	99
29) Tetrahydrofuran	7.610	42	696748	264.271	ug/l	99
30) Chloroform	7.745	83	434086	50.445	ug/l	100
31) Cyclohexane	8.022	56	358184	48.124	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	374303	52.387	ug/l	98
36) 1,1-Dichloropropene	8.151	75	309949	53.085	ug/l	99
37) Ethyl Acetate	7.339	43	421070	54.760	ug/l	99
38) Carbon Tetrachloride	8.134	117	319870	53.941	ug/l	99
39) Methylcyclohexane	9.398	83	383376	54.948	ug/l	96
40) Benzene	8.386	78	989595	52.194	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	191873	55.145	ug/l	94
42) 1,2-Dichloroethane	8.463	62	330427	51.711	ug/l	99
43) Isopropyl Acetate	8.498	43	585196	56.345	ug/l	99
44) Trichloroethene	9.151	130	255169	53.072	ug/l	97
45) 1,2-Dichloropropane	9.428	63	244706	51.636	ug/l	98
46) Dibromomethane	9.516	93	175302	53.297	ug/l	98
47) Bromodichloromethane	9.698	83	336799	53.352	ug/l	98
48) Methyl methacrylate	9.498	41	263333	57.924	ug/l	93
49) 1,4-Dioxane	9.504	88	150082	1171.134	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2069701	277.844	ug/l	99
52) Toluene	10.445	92	641923	55.429	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	342456	54.912	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	373716	53.177	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	261655	54.181	ug/l	98
56) Ethyl methacrylate	10.704	69	414050	62.207	ug/l	99
57) 1,3-Dichloropropane	10.986	76	438289	53.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	845703	240.499	ug/l	99
59) 2-Hexanone	11.027	43	1628666	288.578	ug/l	99
60) Dibromochloromethane	11.180	129	278391	57.945	ug/l	99
61) 1,2-Dibromoethane	11.286	107	276559	55.603	ug/l	99
64) Tetrachloroethene	10.916	164	224145	46.636	ug/l	98
65) Chlorobenzene	11.710	112	697430	54.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	261992	56.862	ug/l	98
67) Ethyl Benzene	11.786	91	1230511	56.780	ug/l	100
68) m/p-Xylenes	11.892	106	961873	116.371	ug/l	100
69) o-Xylene	12.222	106	480759	59.660	ug/l	97
70) Styrene	12.233	104	791286	61.342	ug/l	97
71) Bromoform	12.398	173	228513	60.086	ug/l	100
73) Isopropylbenzene	12.522	105	1222542	51.259	ug/l	100
74) N-amyl acetate	12.333	43	490918	54.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	430859	46.814	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	317073m	53.338	ug/l	
77) Bromobenzene	12.804	156	320130	51.542	ug/l	94
78) n-propylbenzene	12.863	91	1388822	51.752	ug/l	100
79) 2-Chlorotoluene	12.951	91	836808	49.961	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	1022919	52.117	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	113853	45.285	ug/l	99
82) 4-Chlorotoluene	13.045	91	810954	51.085	ug/l	97
83) tert-Butylbenzene	13.263	119	916016	52.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1027195	53.224	ug/l	100
85) sec-Butylbenzene	13.439	105	1286944	53.560	ug/l	98
86) p-Isopropyltoluene	13.557	119	1093898	57.750	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	554820	48.938	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	546511	48.179	ug/l	98
89) n-Butylbenzene	13.880	91	857282	55.624	ug/l	99
90) Hexachloroethane	14.151	117	191553	50.969	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	566505	49.311	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	96557	52.216	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	340877	59.750	ug/l	99
94) Hexachlorobutadiene	15.304	225	167024	53.852	ug/l	99
95) Naphthalene	15.433	128	1561635	84.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	351098	58.473	ug/l	99

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

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