

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072549.D
 Acq On : 19 May 2022 11:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 06:50:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

05/20/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	180042	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	267086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	249571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	115069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	140931	50.380	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.760%	
35) Dibromofluoromethane	8.016	113	95547	53.019	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.040%	
50) Toluene-d8	10.439	98	351122	51.474	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.727	95	130497	50.363	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	99680	48.364	ug/l	100
3) Chloromethane	2.299	50	85395	45.831	ug/l	97
4) Vinyl Chloride	2.446	62	85381	56.146	ug/l	99
5) Bromomethane	2.822	94	66778	46.783	ug/l	98
6) Chloroethane	2.999	64	60778	47.827	ug/l	97
7) Trichlorofluoromethane	3.363	101	187429	53.398	ug/l	97
8) Diethyl Ether	3.828	74	55728	53.464	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	87253	52.207	ug/l	94
10) Methyl Iodide	4.422	142	122282	57.281	ug/l	# 84
11) Tert butyl alcohol	5.369	59	73084	285.604	ug/l	99
12) 1,1-Dichloroethene	4.181	96	78122	53.173	ug/l	88
13) Acrolein	4.034	56	87055	245.179	ug/l	97
14) Allyl chloride	4.834	41	137666	55.088	ug/l	89
15) Acrylonitrile	5.545	53	248679	251.649	ug/l	98
16) Acetone	4.281	43	214409	252.857	ug/l	98
17) Carbon Disulfide	4.528	76	197372	51.875	ug/l	98
18) Methyl Acetate	4.846	43	117501	49.986	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	334588	55.146	ug/l	97
20) Methylene Chloride	5.098	84	93702	46.545	ug/l	98
21) trans-1,2-Dichloroethene	5.593	96	86502	52.538	ug/l	94
22) Diisopropyl ether	6.487	45	293441	53.326	ug/l	94
23) Vinyl Acetate	6.428	43	1306145	274.534	ug/l	95
24) 1,1-Dichloroethane	6.381	63	176461	52.727	ug/l	98
25) 2-Butanone	7.328	43	328053	246.051	ug/l	93
26) 2,2-Dichloropropane	7.322	77	166372	53.589	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	104355	51.466	ug/l	90
28) Bromochloromethane	7.651	49	68720	50.232	ug/l	95
29) Tetrahydrofuran	7.681	42	212875	263.835	ug/l	95
30) Chloroform	7.816	83	199202	52.009	ug/l	95
31) Cyclohexane	8.086	56	151108	48.598	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	194398	55.004	ug/l	98
36) 1,1-Dichloropropene	8.216	75	134729	54.916	ug/l	98
37) Ethyl Acetate	7.404	43	137700	51.075	ug/l	98
38) Carbon Tetrachloride	8.204	117	171567	56.500	ug/l	93
39) Methylcyclohexane	9.457	83	155889	54.444	ug/l	99
40) Benzene	8.457	78	384586	53.648	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	78818	60.941	ug/l #	87
42) 1,2-Dichloroethane	8.522	62	179960	54.099	ug/l	93
43) Isopropyl Acetate	8.551	43	231611	53.422	ug/l	97
44) Trichloroethene	9.210	130	106379	54.584	ug/l	96
45) 1,2-Dichloropropane	9.481	63	94960	53.888	ug/l	94
46) Dibromomethane	9.569	93	74217	55.710	ug/l	94
47) Bromodichloromethane	9.757	83	158133	56.956	ug/l	98
48) Methyl methacrylate	9.557	41	116296	56.336	ug/l	87
49) 1,4-Dioxane	9.563	88	24482	1362.274	ug/l #	91
51) 4-Methyl-2-Pentanone	10.328	43	701135	245.082	ug/l	94
52) Toluene	10.498	92	254004	54.647	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	165270	55.437	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	170321	57.868	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	102648	50.815	ug/l	95
56) Ethyl methacrylate	10.757	69	157059	51.923	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	175477	51.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	192625	260.833	ug/l	99
59) 2-Hexanone	11.080	43	491594	247.225	ug/l	92
60) Dibromochloromethane	11.233	129	124732	54.042	ug/l	100
61) 1,2-Dibromoethane	11.339	107	108011	51.560	ug/l	100
64) Tetrachloroethene	10.975	164	100411	57.977	ug/l	94
65) Chlorobenzene	11.763	112	271612	53.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	117296	57.120	ug/l	95
67) Ethyl Benzene	11.839	91	514769	58.152	ug/l	99
68) m/p-Xylenes	11.951	106	390004	114.439	ug/l	91
69) o-Xylene	12.274	106	189122	54.475	ug/l	91
70) Styrene	12.292	104	311459	58.269	ug/l	96
71) Bromoform	12.451	173	92641	58.622	ug/l #	100
73) Isopropylbenzene	12.574	105	516084	54.248	ug/l	98
74) N-amyl acetate	12.380	43	156733	49.460	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	143989	49.962	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	153298m	44.101	ug/l	
77) Bromobenzene	12.857	156	120852	49.592	ug/l	99
78) n-propylbenzene	12.916	91	580714	55.812	ug/l	98
79) 2-Chlorotoluene	13.004	91	363033	52.084	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	449295	54.456	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	46062	55.242	ug/l	88
82) 4-Chlorotoluene	13.098	91	348877	53.732	ug/l	95
83) tert-Butylbenzene	13.321	119	395048	56.375	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	435696	55.053	ug/l	96
85) sec-Butylbenzene	13.498	105	519756	57.113	ug/l	100
86) p-Isopropyltoluene	13.610	119	443115	59.208	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	214208	53.665	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	210992	54.345	ug/l	98
89) n-Butylbenzene	13.939	91	322068	56.850	ug/l	98
90) Hexachloroethane	14.210	117	72498	54.145	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	210915	52.685	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33173	54.405	ug/l	83
93) 1,2,4-Trichlorobenzene	15.257	180	93793	53.617	ug/l	98
94) Hexachlorobutadiene	15.363	225	58331	53.093	ug/l	99
95) Naphthalene	15.498	128	266530	52.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	93565	51.857	ug/l	97

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

