

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068737.D
 Acq On : 29 Sep 2021 12:59
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 9/30/2021 6:18:12 PM

Quant Time: Sep 29 13:52:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 13:49:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	452911	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	797018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	758263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	350412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	301114	34.638	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	69.280%
35) Dibromofluoromethane	8.021	113	242464	49.019	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.040%
50) Toluene-d8	10.443	98	919171	44.857	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.731	95	317838	43.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	217920	31.171	ug/l	100
3) Chloromethane	2.303	50	219544	28.216	ug/l	98
4) Vinyl Chloride	2.443	62	445040	57.404	ug/l	98
5) Bromomethane	2.853	94	358979	75.213	ug/l	100
6) Chloroethane	3.017	64	369310	69.795	ug/l	98
7) Trichlorofluoromethane	3.376	101	373303	34.767	ug/l	100
8) Diethyl Ether	3.827	74	130659	30.153	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	212773	36.083	ug/l	95
10) Methyl Iodide	4.425	142	218390	34.488	ug/l	94
11) Tert butyl alcohol	5.363	59	202805	146.426	ug/l	99
12) 1,1-Dichloroethene	4.186	96	185581	32.342	ug/l	83
13) Acrolein	4.041	56	31102	29.581	ug/l	100
14) Allyl chloride	4.846	41	312321	25.262	ug/l	# 89
15) Acrylonitrile	5.554	53	572717	154.167	ug/l	99
16) Acetone	4.283	43	518550	156.109	ug/l	94
17) Carbon Disulfide	4.535	76	391974	21.728	ug/l	97
18) Methyl Acetate	4.854	43	349134	36.787	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	812568	35.274	ug/l	100
20) Methylene Chloride	5.101	84	235987	30.330	ug/l	90
21) trans-1,2-Dichloroethene	5.605	96	215603	34.557	ug/l	84
22) Diisopropyl ether	6.498	45	791369	32.055	ug/l	# 96
23) Vinyl Acetate	6.433	43	3130924	150.888	ug/l	# 95
24) 1,1-Dichloroethane	6.388	63	436972	32.309	ug/l	98
25) 2-Butanone	7.332	43	837292	163.242	ug/l	92
26) 2,2-Dichloropropane	7.327	77	432251	36.921	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	291228	38.943	ug/l	85
28) Bromochloromethane	7.659	49	206600	31.890	ug/l	# 74
29) Tetrahydrofuran	7.683	42	533233	165.243	ug/l	89
30) Chloroform	7.820	83	532816	40.188	ug/l	99
31) Cyclohexane	8.096	56	355160	26.488	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	481591	43.058	ug/l	97
36) 1,1-Dichloropropene	8.222	75	349360	40.682	ug/l	95
37) Ethyl Acetate	7.412	43	345038	38.379	ug/l	99
38) Carbon Tetrachloride	8.209	117	419447	54.385	ug/l	98
39) Methylcyclohexane	9.461	83	400247	40.382	ug/l	89
40) Benzene	8.461	78	1072992	42.238	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	166127	36.473	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	422819	45.199	ug/l	97
43) Isopropyl Acetate	8.560	43	642076	40.978	ug/l	97
44) Trichloroethene	9.217	130	286609	54.441	ug/l	85
45) 1,2-Dichloropropane	9.491	63	280000	40.577	ug/l	99
46) Dibromomethane	9.579	93	218366	50.216	ug/l	95
47) Bromodichloromethane	9.764	83	439791	49.590	ug/l	97
48) Methyl methacrylate	9.561	41	272813	40.207	ug/l #	84
49) 1,4-Dioxane	9.569	88	93403	943.389	ug/l	85
51) 4-Methyl-2-Pentanone	10.330	43	2002368	217.339	ug/l	97
52) Toluene	10.507	92	744238	49.148	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	471707	48.129	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	474283	44.445	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	307754	52.370	ug/l	96
56) Ethyl methacrylate	10.762	69	464312	45.095	ug/l	94
57) 1,3-Dichloropropane	11.046	76	500121	46.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	514729	223.374	ug/l	91
59) 2-Hexanone	11.087	43	1412880	218.125	ug/l	95
60) Dibromochloromethane	11.240	129	352868	64.440	ug/l	98
61) 1,2-Dibromoethane	11.347	107	317152	54.968	ug/l	99
64) Tetrachloroethene	10.979	164	258970	52.285	ug/l	94
65) Chlorobenzene	11.773	112	809796	51.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	328003	60.875	ug/l	99
67) Ethyl Benzene	11.846	91	1492168	47.412	ug/l	95
68) m/p-Xylenes	11.956	106	1108032	102.225	ug/l	88
69) o-Xylene	12.283	106	542522	50.766	ug/l	89
70) Styrene	12.296	104	912290	52.046	ug/l	93
71) Bromoform	12.460	173	238224	65.725	ug/l #	100
73) Isopropylbenzene	12.581	105	1476454	42.850	ug/l	97
74) N-amyl acetate	12.390	43	511092	32.138	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	423893	38.520	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	353787m	36.660	ug/l	
77) Bromobenzene	12.862	156	325942	49.977	ug/l	75
78) n-propylbenzene	12.924	91	1696778	40.387	ug/l	97
79) 2-Chlorotoluene	13.010	91	963414	38.345	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1209626	43.073	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	129367	36.967	ug/l	96
82) 4-Chlorotoluene	13.106	91	970836	39.265	ug/l	92
83) tert-Butylbenzene	13.326	119	1049526	46.497	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1208776	43.694	ug/l	95
85) sec-Butylbenzene	13.503	105	1533649	45.697	ug/l	96
86) p-Isopropyltoluene	13.618	119	1260186	49.706	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	617147	51.672	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	605828	50.883	ug/l	95
89) n-Butylbenzene	13.946	91	1093196	44.030	ug/l	98
90) Hexachloroethane	14.214	117	235023	49.048	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	590512	51.086	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78540	40.231	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	290448	55.633	ug/l	98
94) Hexachlorobutadiene	15.372	225	145687	54.697	ug/l	99
95) Naphthalene	15.509	128	782979	49.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	278177	57.661	ug/l	98

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

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