

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068357.D
 Acq On : 30 Aug 2021 14:10
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:42:17 PM

Quant Time: Aug 31 01:45:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 01:43:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	663689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	963049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	950648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	491283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	335745	49.257	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.520%		
35) Dibromofluoromethane	8.021	113	316874	52.903	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.800%		
50) Toluene-d8	10.443	98	1239809	53.657	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.320%		
62) 4-Bromofluorobenzene	12.733	95	421237	55.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	265953	46.799	ug/l	100
3) Chloromethane	2.301	50	264150	45.068	ug/l	100
4) Vinyl Chloride	2.440	62	423010	47.872	ug/l	100
5) Bromomethane	2.840	94	367889	43.166	ug/l	100
6) Chloroethane	3.009	64	295152	46.567	ug/l	100
7) Trichlorofluoromethane	3.368	101	823508	47.464	ug/l	100
8) Diethyl Ether	3.819	74	266068	51.530	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.199	101	258781	45.617	ug/l	100
10) Methyl Iodide	4.414	142	382731	53.060	ug/l	100
11) Tert butyl alcohol	5.393	59	217364	254.203	ug/l	100
12) 1,1-Dichloroethene	4.173	96	243654	47.101	ug/l	100
13) Acrolein	4.039	56	129879	218.530	ug/l	100
14) Allyl chloride	4.832	41	316521	47.638	ug/l	100
15) Acrylonitrile	5.557	53	587968	238.015	ug/l	100
16) Acetone	4.291	43	465917	204.195	ug/l	100
17) Carbon Disulfide	4.521	76	661681	45.676	ug/l	100
18) Methyl Acetate	4.857	43	263903	41.914	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	842236	49.883	ug/l	100
20) Methylene Chloride	5.093	84	284286	41.239	ug/l	100
21) trans-1,2-Dichloroethene	5.594	96	280216	47.517	ug/l	100
22) Diisopropyl ether	6.501	45	729578	51.189	ug/l	100
23) Vinyl Acetate	6.436	43	2849965m	295.262	ug/l	
24) 1,1-Dichloroethane	6.385	63	457441	47.626	ug/l	100
25) 2-Butanone	7.340	43	759640	234.681	ug/l	100
26) 2,2-Dichloropropane	7.324	77	434266	47.900	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	340259	48.896	ug/l	100
28) Bromochloromethane	7.659	49	201847	51.825	ug/l	100
29) Tetrahydrofuran	7.691	42	503297	248.862	ug/l	100
30) Chloroform	7.817	83	558237	49.030	ug/l	100
31) Cyclohexane	8.094	56	420388	46.750	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	528900	50.040	ug/l	100
36) 1,1-Dichloropropene	8.222	75	399081	52.313	ug/l	100
37) Ethyl Acetate	7.418	43	321260	49.535	ug/l	100
38) Carbon Tetrachloride	8.206	117	484339	52.608	ug/l	100
39) Methylcyclohexane	9.461	83	519877	54.097	ug/l	100
40) Benzene	8.461	78	1221005	51.029	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	150758	49.019	ug/l	100
42) 1,2-Dichloroethane	8.531	62	404582	50.281	ug/l	100
43) Isopropyl Acetate	8.563	43	545193	51.538	ug/l	100
44) Trichloroethene	9.217	130	370245	50.550	ug/l	100
45) 1,2-Dichloropropane	9.491	63	285855	51.314	ug/l	100
46) Dibromomethane	9.579	93	235359	51.124	ug/l	100
47) Bromodichloromethane	9.765	83	446466	52.259	ug/l	100
48) Methyl methacrylate	9.561	41	250288	55.088	ug/l	100
49) 1,4-Dioxane	9.571	88	116993	1013.103	ug/l	100
51) 4-Methyl-2-Pentanone	10.333	43	1726946	256.119	ug/l	100
52) Toluene	10.507	92	876009	53.922	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	470059	54.176	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	490131	53.548	ug/l	100
55) 1,1,2-Trichloroethane	10.902	97	337157	51.385	ug/l	100
56) Ethyl methacrylate	10.762	69	465563	55.219	ug/l	100
57) 1,3-Dichloropropane	11.047	76	513668	52.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	374295	307.303	ug/l	100
59) 2-Hexanone	11.087	43	1220739	238.933	ug/l	100
60) Dibromochloromethane	11.242	129	424005	56.419	ug/l	100
61) 1,2-Dibromoethane	11.347	107	373596	53.812	ug/l	100
64) Tetrachloroethene	10.979	164	396593	52.650	ug/l	100
65) Chlorobenzene	11.773	112	994108	50.199	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	401699	53.059	ug/l	100
67) Ethyl Benzene	11.848	91	1679267	52.305	ug/l	100
68) m/p-Xylenes	11.956	106	1382697	106.333	ug/l	100
69) o-Xylene	12.283	106	678835	54.650	ug/l	100
70) Styrene	12.296	104	1091669	54.299	ug/l	100
71) Bromoform	12.460	173	360963	58.649	ug/l #	100
73) Isopropylbenzene	12.581	105	1738830	48.008	ug/l	100
74) N-amyl acetate	12.390	43	440097	39.911	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	480234	43.890	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	341177m	43.726	ug/l	
77) Bromobenzene	12.862	156	492432	46.857	ug/l	100
78) n-propylbenzene	12.924	91	1869930	47.307	ug/l	100
79) 2-Chlorotoluene	13.010	91	1109883	46.257	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1446668	48.493	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	133850	52.767	ug/l	100
82) 4-Chlorotoluene	13.106	91	1081429	45.241	ug/l	100
83) tert-Butylbenzene	13.326	119	1314658	48.720	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1424323	48.168	ug/l	100
85) sec-Butylbenzene	13.503	105	1769528	48.466	ug/l	100
86) p-Isopropyltoluene	13.619	119	1517873	49.660	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	848914	45.621	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	824286	42.435	ug/l	100
89) n-Butylbenzene	13.943	91	1101410	43.753	ug/l	100
90) Hexachloroethane	14.211	117	274313	48.622	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	802921	44.410	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	77655	38.196	ug/l	100
93) 1,2,4-Trichlorobenzene	15.265	180	423993	36.026	ug/l	100
94) Hexachlorobutadiene	15.373	225	251867	48.468	ug/l	100
95) Naphthalene	15.507	128	968066	28.883	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	407571	33.099	ug/l	100

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

