

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066693.D
 Acq On : 21 Apr 2021 11:51
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 5:29:10 PM

Quant Time: Apr 21 13:02:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 12:58:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	285677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	451305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	421086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	212148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	169821	40.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	81.46%		
35) Dibromofluoromethane	7.513	113	139939	45.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.96%		
50) Toluene-d8	10.029	98	548164	45.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.02%		
62) 4-Bromofluorobenzene	12.346	95	196244	46.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.88%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	164195	47.32	ug/l	98
3) Chloromethane	2.034	50	222647	43.92	ug/l	99
4) Vinyl Chloride	2.163	62	213023	47.91	ug/l	99
5) Bromomethane	2.503	94	125132	45.80	ug/l	99
6) Chloroethane	2.654	64	124994	46.90	ug/l	99
7) Trichlorofluoromethane	2.970	101	224678	44.12	ug/l	99
8) Diethyl Ether	3.356	74	96497	46.25	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.694	101	139950	46.23	ug/l	99
10) Methyl Iodide	3.887	142	223234	52.24	ug/l	98
11) Tert butyl alcohol	4.705	59	112608	173.39	ug/l	99
12) 1,1-Dichloroethene	3.673	96	143496	48.30	ug/l	95
13) Acrolein	3.547	56	121518	310.74	ug/l	96
14) Allyl chloride	4.247	41	281020	222.37	ug/l	93
15) Acrylonitrile	4.896	53	401446	215.45	ug/l	99
16) Acetone	3.753	43	311085	166.31	ug/l	97
17) Carbon Disulfide	3.984	76	452785	45.23	ug/l	98
18) Methyl Acetate	4.249	43	178683	39.53	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	486345	46.84	ug/l	95
20) Methylene Chloride	4.469	84	175484	43.11	ug/l	95
21) trans-1,2-Dichloroethene	4.952	96	159180	47.66	ug/l	93
22) Diisopropyl ether	5.864	45	574693	46.00	ug/l	95
23) Vinyl Acetate	5.805	43	2379780	229.14	ug/l	97
24) 1,1-Dichloroethane	5.759	63	306891	44.74	ug/l	98
25) 2-Butanone	6.746	43	497788	201.95	ug/l	95
26) 2,2-Dichloropropane	6.736	77	250551	45.71	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	184870	47.92	ug/l	95
28) Bromochloromethane	7.111	49	143527	41.21	ug/l	87
29) Tetrahydrofuran	7.127	42	343012	206.61	ug/l	94
30) Chloroform	7.291	83	291808	45.28	ug/l	98
31) Cyclohexane	7.578	56	280681	45.35	ug/l	94
32) 1,1,1-Trichloroethane	7.495	97	245083	45.91	ug/l	98
36) 1,1-Dichloropropene	7.717	75	220782	48.35	ug/l	99
37) Ethyl Acetate	6.843	43	224806	44.51	ug/l	99
38) Carbon Tetrachloride	7.698	117	207799	48.43	ug/l	99
39) Methylcyclohexane	9.015	83	266849	51.19	ug/l	95
40) Benzene	7.969	78	712578	48.59	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	89614	39.59	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	223615	44.93	ug/l	100
43) Isopropyl Acetate	8.093	43	371447	43.89	ug/l #	89
44) Trichloroethene	8.768	130	169780	49.88	ug/l	99
45) 1,2-Dichloropropane	9.053	63	191056	47.06	ug/l	100
46) Dibromomethane	9.144	93	114627	47.03	ug/l	99
47) Bromodichloromethane	9.340	83	236420	47.35	ug/l	99
48) Methyl methacrylate	9.136	41	170800	45.15	ug/l	92
49) 1,4-Dioxane	9.136	88	41276	539.43	ug/l	90
51) 4-Methyl-2-Pentanone	9.922	43	1077627	218.82	ug/l	97
52) Toluene	10.093	92	430249	49.97	ug/l	98
53) t-1,3-Dichloropropene	10.321	75	260836	48.63	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	292762	49.10	ug/l	97
55) 1,1,2-Trichloroethane	10.501	97	165873	46.91	ug/l	97
56) Ethyl methacrylate	10.370	69	239749	52.54	ug/l	95
57) 1,3-Dichloropropane	10.646	76	282531	47.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	189504	261.96	ug/l	95
59) 2-Hexanone	10.694	43	711076	237.08	ug/l	98
60) Dibromochloromethane	10.842	129	179999	48.81	ug/l	99
61) 1,2-Dibromoethane	10.946	107	167997	48.47	ug/l	99
64) Tetrachloroethene	10.573	164	150049	50.41	ug/l	99
65) Chlorobenzene	11.375	112	447970	48.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.450	131	165845	49.60	ug/l	99
67) Ethyl Benzene	11.453	91	810147	50.71	ug/l	98
68) m/p-Xylenes	11.563	106	611384	104.92	ug/l	98
69) o-Xylene	11.890	106	296881	52.25	ug/l	98
70) Styrene	11.909	104	491071	55.57	ug/l	99
71) Bromoform	12.073	173	131253	52.52	ug/l #	98
73) Isopropylbenzene	12.193	105	782412	48.56	ug/l	100
74) N-amyl acetate	12.019	43	202834	67.35	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.448	83	248673	41.99	ug/l	97
76) 1,2,3-Trichloropropane	12.496	75	234901m	47.63	ug/l	
77) Bromobenzene	12.470	156	199818	50.02	ug/l	95
78) n-propylbenzene	12.534	91	913661	49.10	ug/l	99
79) 2-Chlorotoluene	12.617	91	549406	48.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	671694	49.33	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	69001	51.42	ug/l	99
82) 4-Chlorotoluene	12.716	91	557068	49.86	ug/l	98
83) tert-Butylbenzene	12.936	119	558650	48.76	ug/l	99
84) 1,2,4-Trimethylbenzene	12.985	105	654478	50.83	ug/l	98
85) sec-Butylbenzene	13.116	105	757870	49.05	ug/l	100
86) p-Isopropyltoluene	13.234	119	658658	51.93	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	343841	48.68	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	345426	44.62	ug/l	99
89) n-Butylbenzene	13.558	91	538453	51.14	ug/l	100
90) Hexachloroethane	13.816	117	131024	46.46	ug/l	92
91) 1,2-Dichlorobenzene	13.596	146	337408	48.14	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.216	75	39537	39.76	ug/l	97
93) 1,2,4-Trichlorobenzene	14.851	180	193732	49.10	ug/l	98
94) Hexachlorobutadiene	14.948	225	99209	44.50	ug/l	99
95) Naphthalene	15.071	128	465584	43.72	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	182414	45.25	ug/l	99

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

