

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066114.D
 Acq On : 3 Mar 2021 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:14:14 PM

Quant Time: Mar 04 02:11:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	80463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	130604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	119456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	56035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	58750	47.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.96%		
35) Dibromofluoromethane	7.547	113	40218	48.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.26%		
50) Toluene-d8	10.055	98	156645	48.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.26%		
62) 4-Bromofluorobenzene	12.370	95	61342	49.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	52077	50.47	ug/l	99
3) Chloromethane	2.052	50	51596	47.41	ug/l	100
4) Vinyl Chloride	2.177	62	55685	48.90	ug/l	99
5) Bromomethane	2.541	94	37346	47.14	ug/l	99
6) Chloroethane	2.682	64	31021	51.16	ug/l	97
7) Trichlorofluoromethane	2.997	101	91494	50.95	ug/l	99
8) Diethyl Ether	3.383	74	25167	48.63	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.727	101	39208	51.80	ug/l	97
10) Methyl Iodide	3.920	142	57437	49.69	ug/l	90
11) Tert butyl alcohol	4.737	59	39029	230.84	ug/l #	89
12) 1,1-Dichloroethene	3.705	96	39252	47.28	ug/l	89
13) Acrolein	3.576	56	30668	227.14	ug/l	96
14) Allyl chloride	4.287	41	65353	51.35	ug/l	94
15) Acrylonitrile	4.933	53	87257	237.60	ug/l	99
16) Acetone	3.778	43	104969	286.80	ug/l	93
17) Carbon Disulfide	4.020	76	116083	47.59	ug/l	98
18) Methyl Acetate	4.283	43	36481	46.69	ug/l	98
19) Methyl tert-butyl Ether	4.994	73	144044	46.87	ug/l	97
20) Methylene Chloride	4.512	84	44860	46.57	ug/l	93
21) trans-1,2-Dichloroethene	4.994	96	43525	50.49	ug/l	94
22) Diisopropyl ether	5.904	45	123121	48.24	ug/l	99
23) Vinyl Acetate	5.843	43	521392	240.75	ug/l	97
24) 1,1-Dichloroethane	5.801	63	79337	49.78	ug/l	99
25) 2-Butanone	6.782	43	117817	242.72	ug/l	100
26) 2,2-Dichloropropane	6.775	77	83822	51.11	ug/l	95
27) cis-1,2-Dichloroethene	6.778	96	49673	48.45	ug/l	91
28) Bromochloromethane	7.148	49	31444	44.61	ug/l	94
29) Tetrahydrofuran	7.164	42	71062	226.88	ug/l	96
30) Chloroform	7.325	83	88106	50.09	ug/l	99
31) Cyclohexane	7.611	56	68156	46.55	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	83096	50.20	ug/l	99
36) 1,1-Dichloropropene	7.749	75	64529	52.56	ug/l	98
37) Ethyl Acetate	6.878	43	47601	49.77	ug/l	97
38) Carbon Tetrachloride	7.730	117	74708	52.94	ug/l	99
39) Methylcyclohexane	9.042	83	69415	52.33	ug/l	97
40) Benzene	7.997	78	181922	50.18	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	24070m	49.19	ug/l	
42) 1,2-Dichloroethane	8.081	62	75432	52.55	ug/l	94
43) Isopropyl Acetate	8.122	43	86441	48.30	ug/l	99
44) Trichloroethene	8.798	130	50859	50.22	ug/l	99
45) 1,2-Dichloropropane	9.077	63	44997	49.87	ug/l	99
46) Dibromomethane	9.167	93	31039	52.66	ug/l	96
47) Bromodichloromethane	9.363	83	71779	52.53	ug/l	97
48) Methyl methacrylate	9.161	41	41056	47.37	ug/l	93
49) 1,4-Dioxane	9.161	88	16037	961.68	ug/l	98
51) 4-Methyl-2-Pentanone	9.945	43	234103	238.92	ug/l	100
52) Toluene	10.119	92	118251	50.70	ug/l	94
53) t-1,3-Dichloropropene	10.347	75	79106	50.14	ug/l	98
54) cis-1,3-Dichloropropene	9.801	75	82589	50.55	ug/l	94
55) 1,1,2-Trichloroethane	10.527	97	42976	49.01	ug/l	97
56) Ethyl methacrylate	10.396	69	63369	50.93	ug/l	98
57) 1,3-Dichloropropane	10.672	76	76123	51.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.656	63	121173	249.74	ug/l	97
59) 2-Hexanone	10.717	43	168964	254.85	ug/l	99
60) Dibromochloromethane	10.868	129	53082	52.56	ug/l	99
61) 1,2-Dibromoethane	10.971	107	45600	51.08	ug/l	99
64) Tetrachloroethene	10.598	164	50741	51.45	ug/l	94
65) Chlorobenzene	11.399	112	128857	51.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	50270	53.17	ug/l	97
67) Ethyl Benzene	11.479	91	230908	51.39	ug/l	100
68) m/p-Xylenes	11.588	106	176700	101.80	ug/l	96
69) o-Xylene	11.916	106	87174	51.43	ug/l	99
70) Styrene	11.932	104	140467	52.75	ug/l	95
71) Bromoform	12.096	173	33842	51.53	ug/l #	99
73) Isopropylbenzene	12.219	105	227235	49.44	ug/l	100
74) N-amyl acetate	12.042	43	62239	46.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	57413	47.21	ug/l	96
76) 1,2,3-Trichloropropane	12.521	75	55665m	44.99	ug/l	
77) Bromobenzene	12.495	156	53724	50.73	ug/l	91
78) n-propylbenzene	12.559	91	252603	50.61	ug/l	100
79) 2-Chlorotoluene	12.643	91	157517	49.06	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	201556	49.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	21110	50.20	ug/l	95
82) 4-Chlorotoluene	12.743	91	163932	49.49	ug/l	97
83) tert-Butylbenzene	12.961	119	162276	48.61	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	198855	50.01	ug/l	99
85) sec-Butylbenzene	13.141	105	207257	50.51	ug/l	99
86) p-Isopropyltoluene	13.257	119	197708	51.76	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	96551	52.35	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	95935	49.40	ug/l	96
89) n-Butylbenzene	13.582	91	157305	52.21	ug/l	98
90) Hexachloroethane	13.842	117	29413	50.70	ug/l	97
91) 1,2-Dichlorobenzene	13.621	146	94115	51.48	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	14489	46.55	ug/l	80
93) 1,2,4-Trichlorobenzene	14.874	180	53044	55.01	ug/l	98
94) Hexachlorobutadiene	14.977	225	24148	52.38	ug/l	97
95) Naphthalene	15.096	128	153567	49.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	52810	50.64	ug/l	98

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

