

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066099.D
 Acq On : 2 Mar 2021 13:42
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:00:39 AM

Quant Time: Mar 02 13:59:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 13:40:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	84182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	143710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	135048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	66028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	203703	161.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 322.86%#			
35) Dibromofluoromethane	7.547	113	143973	160.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 320.76%#			
50) Toluene-d8	10.055	98	575048	165.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 331.22%#			
62) 4-Bromofluorobenzene	12.370	95	233059	176.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 353.66%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	168292	157.13	ug/l	97
3) Chloromethane	2.049	50	170138	138.03	ug/l	98
4) Vinyl Chloride	2.177	62	191186	162.76	ug/l	100
5) Bromomethane	2.515	94	125419	151.65	ug/l	95
6) Chloroethane	2.669	64	103597	166.26	ug/l	98
7) Trichlorofluoromethane	2.991	101	281723	149.94	ug/l	99
8) Diethyl Ether	3.383	74	85060	158.59	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.724	101	121560	154.23	ug/l	98
10) Methyl Iodide	3.917	142	197702	167.24	ug/l	92
11) Tert butyl alcohol	4.749	59	140482	806.05	ug/l #	89
12) 1,1-Dichloroethene	3.701	96	126848	145.27	ug/l	93
13) Acrolein	3.576	56	107709	723.71	ug/l	98
14) Allyl chloride	4.283	41	214912	163.89	ug/l	96
15) Acrylonitrile	4.936	53	312310	826.70	ug/l	99
16) Acetone	3.782	43	259664	665.38	ug/l	94
17) Carbon Disulfide	4.016	76	385145	151.10	ug/l	99
18) Methyl Acetate	4.283	43	127283	156.88	ug/l	96
19) Methyl tert-butyl Ether	4.997	73	474190	146.98	ug/l	98
20) Methylene Chloride	4.508	84	147466	145.59	ug/l	95
21) trans-1,2-Dichloroethene	4.994	96	140914	157.55	ug/l	92
22) Diisopropyl ether	5.907	45	409453	154.05	ug/l	97
23) Vinyl Acetate	5.846	43	1762912	783.90	ug/l	98
24) 1,1-Dichloroethane	5.801	63	257984	155.70	ug/l	98
25) 2-Butanone	6.785	43	395550	784.92	ug/l	100
26) 2,2-Dichloropropane	6.775	77	255530	148.72	ug/l	95
27) cis-1,2-Dichloroethene	6.782	96	165118	154.74	ug/l	94
28) Bromochloromethane	7.148	49	117024	176.55	ug/l	97
29) Tetrahydrofuran	7.164	42	253892	779.93	ug/l	94
30) Chloroform	7.328	83	277777	151.15	ug/l	99
31) Cyclohexane	7.611	56	220695	142.66	ug/l	99
32) 1,1,1-Trichloroethane	7.528	97	267243	155.22	ug/l	99
36) 1,1-Dichloropropene	7.749	75	212258	158.64	ug/l	98
37) Ethyl Acetate	6.881	43	168639	162.47	ug/l	96
38) Carbon Tetrachloride	7.733	117	237105	153.23	ug/l	98
39) Methylcyclohexane	9.042	83	228122	157.62	ug/l	98
40) Benzene	8.000	78	608571	153.09	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	79673	147.59	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	243906	155.33	ug/l	95
43) Isopropyl Acetate	8.122	43	304434	155.55	ug/l	98
44) Trichloroethene	8.798	130	169045	152.04	ug/l	99
45) 1,2-Dichloropropane	9.081	63	150498	151.89	ug/l	99
46) Dibromomethane	9.171	93	104578	163.69	ug/l	95
47) Bromodichloromethane	9.367	83	234456	157.17	ug/l	100
48) Methyl methacrylate	9.161	41	147329	155.41	ug/l	96
49) 1,4-Dioxane	9.164	88	58237	3572.56	ug/l	98
51) 4-Methyl-2-Pentanone	9.949	43	848668	795.00	ug/l	99
52) Toluene	10.119	92	401043	157.59	ug/l	95
53) t-1,3-Dichloropropene	10.347	75	275236	160.36	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	279669	156.73	ug/l	95
55) 1,1,2-Trichloroethane	10.527	97	150089	156.69	ug/l	100
56) Ethyl methacrylate	10.396	69	229709	171.88	ug/l	98
57) 1,3-Dichloropropane	10.672	76	260414	161.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	441206	843.61	ug/l	97
59) 2-Hexanone	10.717	43	617317	868.46	ug/l	99
60) Dibromochloromethane	10.868	129	182879	167.81	ug/l	100
61) 1,2-Dibromoethane	10.971	107	161689	167.86	ug/l	100
64) Tetrachloroethene	10.598	164	156185	138.27	ug/l	96
65) Chlorobenzene	11.402	112	440174	157.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	168138	158.84	ug/l	97
67) Ethyl Benzene	11.479	91	782898	154.97	ug/l	100
68) m/p-Xylenes	11.588	106	615076	316.29	ug/l	97
69) o-Xylene	11.916	106	296462	155.69	ug/l	97
70) Styrene	11.932	104	494620	167.49	ug/l	95
71) Bromoform	12.096	173	122985	169.16	ug/l #	99
73) Isopropylbenzene	12.219	105	785564	144.11	ug/l	99
74) N-amyl acetate	12.039	43	248344	213.00	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	209992	145.85	ug/l	98
76) 1,2,3-Trichloropropane	12.521	75	205922m	139.63	ug/l	
77) Bromobenzene	12.495	156	186262	149.12	ug/l	90
78) n-propylbenzene	12.559	91	877634	149.06	ug/l	99
79) 2-Chlorotoluene	12.643	91	542712	142.22	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	689738	142.64	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	76354	155.16	ug/l	95
82) 4-Chlorotoluene	12.743	91	574179	146.53	ug/l	97
83) tert-Butylbenzene	12.961	119	558667	140.52	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	699561	149.16	ug/l	99
85) sec-Butylbenzene	13.141	105	717464	148.07	ug/l	99
86) p-Isopropyltoluene	13.257	119	680116	151.32	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	333214	154.01	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	339675	148.15	ug/l	97
89) n-Butylbenzene	13.582	91	560678	159.62	ug/l	99
90) Hexachloroethane	13.842	117	107615	158.98	ug/l	98
91) 1,2-Dichlorobenzene	13.621	146	322406	149.58	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	52427	111.93	ug/l	85
93) 1,2,4-Trichlorobenzene	14.878	180	193894	175.50	ug/l	98
94) Hexachlorobutadiene	14.977	225	76696	139.54	ug/l	100
95) Naphthalene	15.096	128	608131	168.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	195039	160.59	ug/l	99

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

