

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066152.D
 Acq On : 9 Mar 2021 11:38
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:44:25 PM

Quant Time: Mar 09 12:07:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 11:57:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	201776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	348136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	333190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	173212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	573151	176.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 352.78%#			
35) Dibromofluoromethane	7.512	113	374203	167.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 335.20%#			
50) Toluene-d8	10.030	98	1529382	175.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 350.32%#			
62) 4-Bromofluorobenzene	12.345	95	580725	173.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 347.24%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	406206	157.77	ug/l	99
3) Chloromethane	2.017	50	676467	212.13	ug/l	99
4) Vinyl Chloride	2.148	62	581357	194.41	ug/l	99
5) Bromomethane	2.499	94	290088	146.72	ug/l	97
6) Chloroethane	2.647	64	314821	196.23	ug/l	100
7) Trichlorofluoromethane	2.961	101	587074	132.75	ug/l	99
8) Diethyl Ether	3.344	74	236603	173.55	ug/l	55
9) 1,1,2-Trichlorotrifluo...	3.682	101	282270	150.24	ug/l	92
10) Methyl Iodide	3.870	142	369025	133.43	ug/l #	90
11) Tert butyl alcohol	4.723	59	491541	1046.44	ug/l	99
12) 1,1-Dichloroethene	3.661	96	299528	144.19	ug/l #	66
13) Acrolein	3.535	56	265380	731.02	ug/l	97
14) Allyl chloride	4.232	41	989317	262.82	ug/l #	86
15) Acrylonitrile	4.889	53	1442415	1326.68	ug/l	99
16) Acetone	3.741	43	1263478	1174.41	ug/l #	86
17) Carbon Disulfide	3.966	76	993239	160.18	ug/l	98
18) Methyl Acetate	4.240	43	732875	294.20	ug/l #	85
19) Methyl tert-butyl Ether	4.951	73	1387970	172.17	ug/l	92
20) Methylene Chloride	4.457	84	403916	162.11	ug/l #	73
21) trans-1,2-Dichloroethene	4.937	96	369597	166.50	ug/l #	71
22) Diisopropyl ether	5.863	45	1941735	257.56	ug/l #	90
23) Vinyl Acetate	5.801	43	8289602	1278.46	ug/l #	91
24) 1,1-Dichloroethane	5.750	63	870024	200.64	ug/l	95
25) 2-Butanone	6.748	43	2233963	1471.58	ug/l #	83
26) 2,2-Dichloropropane	6.729	77	698997	165.26	ug/l	93
27) cis-1,2-Dichloroethene	6.737	96	440347	166.31	ug/l	74
28) Bromochloromethane	7.107	49	516919	270.61	ug/l #	63
29) Tetrahydrofuran	7.131	42	1557655	1542.47	ug/l #	79
30) Chloroform	7.289	83	778783	169.59	ug/l	98
31) Cyclohexane	7.574	56	834764	207.26	ug/l #	81
32) 1,1,1-Trichloroethane	7.488	97	661092	157.53	ug/l	95
36) 1,1-Dichloropropene	7.713	75	622156	184.47	ug/l	94
37) Ethyl Acetate	6.844	43	914945	293.61	ug/l #	92
38) Carbon Tetrachloride	7.697	117	543737	146.42	ug/l	98
39) Methylcyclohexane	9.014	83	699241	192.64	ug/l #	83
40) Benzene	7.965	78	1817924	181.33	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.086	41	429770	273.42	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	699287	175.24	ug/l	95
43) Isopropyl Acetate	8.094	43	1514525	267.32	ug/l #	82
44) Trichloroethene	8.767	130	422441	155.84	ug/l	92
45) 1,2-Dichloropropane	9.052	63	556533	211.91	ug/l	98
46) Dibromomethane	9.143	93	302590	186.91	ug/l	89
47) Bromodichloromethane	9.338	83	652391	174.36	ug/l	99
48) Methyl methacrylate	9.137	41	747833	273.10	ug/l #	77
49) 1,4-Dioxane	9.140	88	137468	3358.74	ug/l #	73
51) 4-Methyl-2-Pentanone	9.926	43	4438997	1385.90	ug/l	91
52) Toluene	10.095	92	1078976	170.50	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	811606	186.56	ug/l	97
54) cis-1,3-Dichloropropene	9.778	75	852104	187.94	ug/l #	86
55) 1,1,2-Trichloroethane	10.502	97	426338	177.19	ug/l	95
56) Ethyl methacrylate	10.371	69	785431	220.95	ug/l #	77
57) 1,3-Dichloropropane	10.647	76	816622	195.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	1421452	1045.27	ug/l #	86
59) 2-Hexanone	10.696	43	3414342	1552.46	ug/l	89
60) Dibromochloromethane	10.843	129	469715	172.28	ug/l	100
61) 1,2-Dibromoethane	10.948	107	448987	184.81	ug/l	100
64) Tetrachloroethene	10.572	164	406800	147.60	ug/l	97
65) Chlorobenzene	11.374	112	1103935	158.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	417605	158.25	ug/l	98
67) Ethyl Benzene	11.455	91	2133037	168.00	ug/l	97
68) m/p-Xylenes	11.565	106	1555341	321.03	ug/l	96
69) o-Xylene	11.892	106	745132	157.19	ug/l	95
70) Styrene	11.908	104	1274867	170.42	ug/l	95
71) Bromoform	12.071	173	334077	179.04	ug/l #	98
73) Isopropylbenzene	12.192	105	1992546	141.81	ug/l	99
74) N-amyl acetate	12.015	43	1312978	335.49	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.450	83	695390	177.94	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	719957m	181.83	ug/l	
77) Bromobenzene	12.468	156	466333	143.91	ug/l	72
78) n-propylbenzene	12.535	91	2419435	156.27	ug/l	97
79) 2-Chlorotoluene	12.619	91	1427034	144.28	ug/l	95
80) 1,3,5-Trimethylbenzene	12.678	105	1720955	138.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	271339	197.07	ug/l	96
82) 4-Chlorotoluene	12.718	91	1537091	150.45	ug/l	94
83) tert-Butylbenzene	12.938	119	1398377	137.47	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	1777486	146.41	ug/l	99
85) sec-Butylbenzene	13.115	105	1979905	156.23	ug/l	98
86) p-Isopropyltoluene	13.233	119	1806221	154.18	ug/l	98
87) 1,3-Dichlorobenzene	13.225	146	885888	156.33	ug/l	97
88) 1,4-Dichlorobenzene	13.308	146	882642	148.56	ug/l	97
89) n-Butylbenzene	13.557	91	1770178	186.62	ug/l	98
90) Hexachloroethane	13.817	117	284794	159.76	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	850901	151.76	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	171769	143.48	ug/l	80
93) 1,2,4-Trichlorobenzene	14.850	180	569908	187.98	ug/l	99
94) Hexachlorobutadiene	14.949	225	253738	174.27	ug/l	100
95) Naphthalene	15.070	128	1806800	182.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	570903	173.47	ug/l	99

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

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