

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066149.D
 Acq On : 9 Mar 2021 10:36
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:44:19 PM

Quant Time: Mar 09 11:36:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 11:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	172644	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.518	114	299180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	284537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	128094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	59012	21.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	42.46%#		
35) Dibromofluoromethane	7.509	113	36576	19.06	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.12%#		
50) Toluene-d8	10.028	98	144081	19.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	38.40%#		
62) 4-Bromofluorobenzene	12.348	95	51800	18.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	36.04%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.821	85	40392	18.34	ug/l	96
3) Chloromethane	2.017	50	69928	25.63	ug/l	100
4) Vinyl Chloride	2.148	62	56787	22.19	ug/l	99
5) Bromomethane	2.529	94	29368	17.36	ug/l	98
6) Chloroethane	2.660	64	31056	22.62	ug/l	98
7) Trichlorofluoromethane	2.971	101	61980	16.38	ug/l	95
8) Diethyl Ether	3.347	74	23687	20.31	ug/l #	48
9) 1,1,2-Trichlorotrifluo...	3.688	101	29023	18.05	ug/l	92
10) Methyl Iodide	3.873	142	33709	14.24	ug/l #	87
11) Tert butyl alcohol	4.715	59	50006	124.42	ug/l	96
12) 1,1-Dichloroethene	3.666	96	30898	17.38	ug/l #	71
13) Acrolein	3.537	56	29964	96.47	ug/l	98
14) Allyl chloride	4.237	41	100716	31.27	ug/l #	87
15) Acrylonitrile	4.889	53	154919	166.53	ug/l	99
16) Acetone	3.747	43	150707	163.72	ug/l	89
17) Carbon Disulfide	3.972	76	98212	18.51	ug/l	97
18) Methyl Acetate	4.243	43	78097	36.64	ug/l #	86
19) Methyl tert-butyl Ether	4.948	73	141959	20.58	ug/l #	88
20) Methylene Chloride	4.457	84	43126m	20.23	ug/l	
21) trans-1,2-Dichloroethene	4.943	96	37547	19.77	ug/l #	70
22) Diisopropyl ether	5.860	45	198780	30.82	ug/l #	93
23) Vinyl Acetate	5.804	43	862114	155.40	ug/l #	89
24) 1,1-Dichloroethane	5.750	63	94165	25.38	ug/l	95
25) 2-Butanone	6.750	43	238580	183.68	ug/l #	81
26) 2,2-Dichloropropane	6.734	77	73681	20.36	ug/l	92
27) cis-1,2-Dichloroethene	6.740	96	46161	20.38	ug/l	75
28) Bromochloromethane	7.110	49	51749	31.66	ug/l #	59
29) Tetrahydrofuran	7.134	42	164549	190.44	ug/l #	78
30) Chloroform	7.289	83	81307	20.69	ug/l	95
31) Cyclohexane	7.574	56	82901	24.06	ug/l #	81
32) 1,1,1-Trichloroethane	7.488	97	67876	18.90	ug/l #	94
36) 1,1-Dichloropropene	7.716	75	61049	21.06	ug/l	93
37) Ethyl Acetate	6.844	43	98632	36.83	ug/l #	87
38) Carbon Tetrachloride	7.697	117	53556	16.78	ug/l	99
39) Methylcyclohexane	9.014	83	65765	21.08	ug/l #	79
40) Benzene	7.965	78	183093	21.25	ug/l	99

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41) Methacrylonitrile	7.080	41	48935	36.23	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	74453	21.71	ug/l	94
43) Isopropyl Acetate	8.094	43	156054	32.05	ug/l #	82
44) Trichloroethene	8.770	130	42982	18.45	ug/l	86
45) 1,2-Dichloropropane	9.051	63	56686	25.12	ug/l	100
46) Dibromomethane	9.143	93	30606	22.00	ug/l	92
47) Bromodichloromethane	9.338	83	66947	20.82	ug/l	98
48) Methyl methacrylate	9.137	41	74541	31.68	ug/l #	81
49) 1,4-Dioxane	9.140	88	12629	359.05	ug/l #	66
51) 4-Methyl-2-Pentanone	9.923	43	500075	181.68	ug/l	88
52) Toluene	10.095	92	110410	20.30	ug/l	96
53) t-1,3-Dichloropropene	10.323	75	80289	21.48	ug/l	97
54) cis-1,3-Dichloropropene	9.778	75	84131	21.59	ug/l #	85
55) 1,1,2-Trichloroethane	10.502	97	44724	21.63	ug/l	98
56) Ethyl methacrylate	10.371	69	74737	24.46	ug/l #	72
57) 1,3-Dichloropropane	10.647	76	82663	23.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	121168	103.68	ug/l #	87
59) 2-Hexanone	10.693	43	351666	186.06	ug/l	86
60) Dibromochloromethane	10.843	129	45349	19.35	ug/l	98
61) 1,2-Dibromoethane	10.948	107	44425	21.28	ug/l	100
64) Tetrachloroethene	10.572	164	45604	19.38	ug/l	97
65) Chlorobenzene	11.374	112	112058	18.80	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.452	131	43210	19.17	ug/l	96
67) Ethyl Benzene	11.455	91	208876	19.26	ug/l	96
68) m/p-Xylenes	11.564	106	150147	36.29	ug/l	94
69) o-Xylene	11.892	106	73035	18.04	ug/l	93
70) Styrene	11.908	104	116640	18.26	ug/l	94
71) Bromoform	12.071	173	30695	19.26	ug/l #	98
73) Isopropylbenzene	12.192	105	189620	18.25	ug/l	99
74) N-amyl acetate	12.018	43	95974	33.16	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.450	83	68964	23.86	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	72705m	24.83	ug/l	
77) Bromobenzene	12.471	156	43768	18.26	ug/l	71
78) n-propylbenzene	12.535	91	219244	19.15	ug/l	99
79) 2-Chlorotoluene	12.618	91	133314	18.23	ug/l	95
80) 1,3,5-Trimethylbenzene	12.678	105	158282	17.24	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.246	75	22782	22.37	ug/l	96
82) 4-Chlorotoluene	12.718	91	135805	17.97	ug/l	95
83) tert-Butylbenzene	12.938	119	131443	17.47	ug/l	95
84) 1,2,4-Trimethylbenzene	12.983	105	156269	17.41	ug/l	98
85) sec-Butylbenzene	13.117	105	173608	18.52	ug/l	97
86) p-Isopropyltoluene	13.233	119	154412	17.82	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	73974	17.65	ug/l	97
88) 1,4-Dichlorobenzene	13.308	146	74760	17.02	ug/l	96
89) n-Butylbenzene	13.560	91	138604	19.76	ug/l	96
90) Hexachloroethane	13.817	117	22514	17.08	ug/l	100
91) 1,2-Dichlorobenzene	13.597	146	76097	18.35	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.212	75	16532	18.67	ug/l	73
93) 1,2,4-Trichlorobenzene	14.853	180	44231	19.73	ug/l	98
94) Hexachlorobutadiene	14.949	225	21406	19.88	ug/l	99
95) Naphthalene	15.070	128	148184	20.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	46960	19.29	ug/l	98

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

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