Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
Data File : VN065462.D
Acq On : 11 Jan 2021 12:47
Operator : JC/MD
Sample : VN0111WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 12 00:06:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.627	168	257614	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.553	114	370280	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.379	117	338670	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	163532	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.991	65	126285	43.42	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.84%				
35) Dibromofluoromethane	7.553	113	112408	50.32	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.64%				
50) Toluene-d8	10.058	98	414635	49.52	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.04%				
62) 4-Bromofluorobenzene	12.376	95	148449	45.36	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.849	85	37954	15.92	ug/l		98
3) Chloromethane	2.055	50	46127	17.00	ug/l		100
4) Vinyl Chloride	2.180	62	51294	18.17	ug/l		96
5) Bromomethane	2.550	94	37194	18.54	ug/l		99
6) Chloroethane	2.688	64	34285	18.79	ug/l		98
7) Trichlorofluoromethane	3.004	101	72603	17.19	ug/l		98
8) Diethyl Ether	3.389	74	30765	18.51	ug/l		96
9) 1,1,2-Trichlorotrifluo...	3.727	101	44639	18.85	ug/l		97
10) Methyl Iodide	3.917	142	67774	18.94	ug/l		93
11) Tert butyl alcohol	4.775	59	38276	80.43	ug/l	#	91
12) 1,1-Dichloroethene	3.705	96	44370	17.54	ug/l		98
13) Acrolein	3.579	56	15868	51.24	ug/l		98
14) Allyl chloride	4.283	41	67740	16.24	ug/l		99
15) Acrylonitrile	4.946	53	107415	93.41	ug/l		100
16) Acetone	3.791	43	89732	65.59	ug/l		94
17) Carbon Disulfide	4.013	76	97499	15.06	ug/l		100
18) Methyl Acetate	4.296	43	52138	19.97	ug/l		97
19) Methyl tert-butyl Ether	5.010	73	145126	18.06	ug/l		99
20) Methylene Chloride	4.512	84	48594	17.13	ug/l		98
21) trans-1,2-Dichloroethene	4.994	96	44645	17.97	ug/l		99
22) Diisopropyl ether	5.917	45	149654	18.02	ug/l		98
23) Vinyl Acetate	5.856	43	583957	83.45	ug/l		99
24) 1,1-Dichloroethane	5.804	63	84271	18.50	ug/l		98
25) 2-Butanone	6.801	43	135498	82.99	ug/l		98
26) 2,2-Dichloropropane	6.782	77	68628	15.77	ug/l		100
27) cis-1,2-Dichloroethene	6.788	96	54525	18.86	ug/l		98
28) Bromochloromethane	7.155	49	32658	16.21	ug/l		91
29) Tetrahydrofuran	7.180	42	91299	86.47	ug/l		99
30) Chloroform	7.331	83	87071	18.57	ug/l		99
31) Cyclohexane	7.614	56	70257	16.36	ug/l		97
32) 1,1,1-Trichloroethane	7.531	97	73192	17.23	ug/l		99
36) 1,1-Dichloropropene	7.753	75	62606	18.60	ug/l		98
37) Ethyl Acetate	6.894	43	59511	17.83	ug/l		99
38) Carbon Tetrachloride	7.737	117	63043	17.83	ug/l		99
39) Methylcyclohexane	9.045	83	71987	17.80	ug/l		98
40) Benzene	8.003	78	193076	19.28	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.132	41	28269m	16.28	ug/l		
42) 1,2-Dichloroethane	8.090	62	68082	18.39	ug/l		99
43) Isopropyl Acetate	8.132	43	98739	17.17	ug/l		99
44) Trichloroethene	8.801	130	58101	20.10	ug/l		93
45) 1,2-Dichloropropane	9.084	63	52288	20.08	ug/l		98
46) Dibromomethane	9.177	93	34552	19.54	ug/l		89
47) Bromodichloromethane	9.370	83	68887	18.48	ug/l		98
48) Methyl methacrylate	9.171	41	48628	17.42	ug/l		99
49) 1,4-Dioxane	9.171	88	17498	386.69	ug/l		96
51) 4-Methyl-2-Pentanone	9.955	43	293003	90.61	ug/l		100
52) Toluene	10.125	92	124520	19.73	ug/l		99
53) t-1,3-Dichloropropene	10.351	75	75773	18.03	ug/l		99
54) cis-1,3-Dichloropropene	9.810	75	82478	18.47	ug/l		99
55) 1,1,2-Trichloroethane	10.534	97	51978	20.81	ug/l		94
56) Ethyl methacrylate	10.402	69	72135	18.65	ug/l		97
57) 1,3-Dichloropropane	10.679	76	85539	20.75	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.666	63	142575	84.73	ug/l		99
59) 2-Hexanone	10.724	43	207692	87.36	ug/l		100
60) Dibromochloromethane	10.871	129	57105	19.18	ug/l		99
61) 1,2-Dibromoethane	10.978	107	53909	20.11	ug/l		99
64) Tetrachloroethene	10.601	164	66342	20.17	ug/l		96
65) Chlorobenzene	11.405	112	143740	20.85	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.482	131	53996	20.13	ug/l		100
67) Ethyl Benzene	11.482	91	235732	18.98	ug/l		98
68) m/p-Xylenes	11.595	106	185523	39.65	ug/l		97
69) o-Xylene	11.920	106	90058	19.82	ug/l		98
70) Styrene	11.936	104	148479	19.59	ug/l		100
71) Bromoform	12.100	173	43346	18.77	ug/l	#	99
73) Isopropylbenzene	12.222	105	239460	19.23	ug/l		99
74) N-amyl acetate	12.045	43	81240	16.38	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.479	83	67273	20.03	ug/l		97
76) 1,2,3-Trichloropropane	12.527	75	66318m	19.88	ug/l		
77) Bromobenzene	12.498	156	67501	20.74	ug/l		87
78) n-propylbenzene	12.566	91	258195	18.36	ug/l		97
79) 2-Chlorotoluene	12.646	91	156492	18.90	ug/l		95
80) 1,3,5-Trimethylbenzene	12.707	105	200891	18.91	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.273	75	21955	16.59	ug/l		91
82) 4-Chlorotoluene	12.746	91	157362	18.46	ug/l		94
83) tert-Butylbenzene	12.968	119	174071	19.24	ug/l		97
84) 1,2,4-Trimethylbenzene	13.013	105	199740	19.32	ug/l		98
85) sec-Butylbenzene	13.145	105	221691	18.47	ug/l		97
86) p-Isopropyltoluene	13.260	119	208690	18.96	ug/l		97
87) 1,3-Dichlorobenzene	13.257	146	110050	20.22	ug/l		97
88) 1,4-Dichlorobenzene	13.338	146	108186	19.80	ug/l		98
89) n-Butylbenzene	13.588	91	162799	17.31	ug/l		98
90) Hexachloroethane	13.846	117	32910	17.39	ug/l		79
91) 1,2-Dichlorobenzene	13.627	146	109502	20.95	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	12548	18.14	ug/l		88
93) 1,2,4-Trichlorobenzene	14.881	180	55157	18.90	ug/l		97
94) Hexachlorobutadiene	14.981	225	38560	18.69	ug/l		99
95) Naphthalene	15.103	128	136787	18.43	ug/l		100
96) 1,2,3-Trichlorobenzene	15.283	180	56554	20.84	ug/l		96

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

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

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