Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011221\
Data File : VN065487.D
Acq On : 12 Jan 2021 11:43
Operator : JC/MD
Sample : VN0112WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 23:57:00 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 :
VN0112WBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	254002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	369836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	338440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	164975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	128843	44.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.86%			
35) Dibromofluoromethane	7.553	113	114875	51.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.96%			
50) Toluene-d8	10.058	98	427365	51.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.20%			
62) 4-Bromofluorobenzene	12.376	95	151866	46.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	39983	17.01	ug/l	96
3) Chloromethane	2.055	50	48303	18.06	ug/l	100
4) Vinyl Chloride	2.181	62	54101	19.44	ug/l	96
5) Bromomethane	2.541	94	40770	20.61	ug/l	97
6) Chloroethane	2.685	64	36097	20.07	ug/l	99
7) Trichlorofluoromethane	3.001	101	75751	18.19	ug/l	98
8) Diethyl Ether	3.386	74	31527	19.23	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.724	101	46572	19.94	ug/l	96
10) Methyl Iodide	3.914	142	69748	19.77	ug/l	92
11) Tert butyl alcohol	4.772	59	31953	68.10	ug/l	100
12) 1,1-Dichloroethene	3.701	96	45917	18.41	ug/l	99
13) Acrolein	3.576	56	30075	96.27	ug/l	100
14) Allyl chloride	4.280	41	66714	16.22	ug/l	99
15) Acrylonitrile	4.946	53	107934	95.20	ug/l	98
16) Acetone	3.788	43	91887	68.55	ug/l	93
17) Carbon Disulfide	4.010	76	97034	15.20	ug/l	100
18) Methyl Acetate	4.293	43	50440	19.59	ug/l	100
19) Methyl tert-butyl Ether	5.010	73	143942	18.17	ug/l	99
20) Methylene Chloride	4.509	84	51159	18.29	ug/l	97
21) trans-1,2-Dichloroethene	4.994	96	45935	18.75	ug/l	98
22) Diisopropyl ether	5.914	45	148350	18.12	ug/l	96
23) Vinyl Acetate	5.856	43	574158	83.22	ug/l	100
24) 1,1-Dichloroethane	5.801	63	86644	19.29	ug/l	100
25) 2-Butanone	6.801	43	133612	83.00	ug/l	95
26) 2,2-Dichloropropane	6.779	77	69900	16.29	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	55726	19.55	ug/l	97
28) Bromochloromethane	7.152	49	31564	15.90	ug/l	94
29) Tetrahydrofuran	7.174	42	90008	86.46	ug/l	99
30) Chloroform	7.332	83	89232	19.30	ug/l	99
31) Cyclohexane	7.615	56	69651	16.45	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	74337	17.75	ug/l	100
36) 1,1-Dichloropropene	7.753	75	64995	19.33	ug/l	98
37) Ethyl Acetate	6.894	43	57761	17.33	ug/l	99
38) Carbon Tetrachloride	7.734	117	64844	18.36	ug/l	99
39) Methylcyclohexane	9.045	83	72909	18.04	ug/l	97
40) Benzene	8.004	78	199265	19.92	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.132	41	29263	16.87	ug/l		88
42) 1,2-Dichloroethane	8.087	62	68609	18.56	ug/l		99
43) Isopropyl Acetate	8.132	43	96093	16.73	ug/l		99
44) Trichloroethene	8.801	130	60215	20.85	ug/l		94
45) 1,2-Dichloropropane	9.084	63	53751	20.67	ug/l		100
46) Dibromomethane	9.174	93	35516	20.11	ug/l		89
47) Bromodichloromethane	9.370	83	69299	18.61	ug/l		98
48) Methyl methacrylate	9.168	41	47038	16.87	ug/l		99
49) 1,4-Dioxane	9.171	88	11686	258.56	ug/l	#	93
51) 4-Methyl-2-Pentanone	9.955	43	288396	89.29	ug/l		99
52) Toluene	10.126	92	127002	20.14	ug/l		99
53) t-1,3-Dichloropropene	10.351	75	74965	17.86	ug/l		100
54) cis-1,3-Dichloropropene	9.807	75	83850	18.80	ug/l		98
55) 1,1,2-Trichloroethane	10.534	97	52072	20.87	ug/l		96
56) Ethyl methacrylate	10.399	69	70604	18.27	ug/l		99
57) 1,3-Dichloropropane	10.676	76	85715	20.82	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.663	63	135413	80.57	ug/l		99
59) 2-Hexanone	10.724	43	204401	86.08	ug/l		99
60) Dibromochloromethane	10.875	129	57403	19.30	ug/l		100
61) 1,2-Dibromoethane	10.978	107	54913	20.50	ug/l		99
64) Tetrachloroethene	10.602	164	69109	21.03	ug/l		95
65) Chlorobenzene	11.405	112	147090	21.35	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.479	131	54553	20.35	ug/l		99
67) Ethyl Benzene	11.483	91	239816	19.32	ug/l		100
68) m/p-Xylenes	11.592	106	189276	40.47	ug/l		96
69) o-Xylene	11.920	106	90709	19.98	ug/l		99
70) Styrene	11.936	104	151743	20.03	ug/l		99
71) Bromoform	12.100	173	42606	18.46	ug/l	#	100
73) Isopropylbenzene	12.222	105	240203	19.12	ug/l		98
74) N-amyl acetate	12.045	43	80109	16.01	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.479	83	68818	20.31	ug/l		98
76) 1,2,3-Trichloropropane	12.528	75	66501m	19.76	ug/l		
77) Bromobenzene	12.499	156	68698	20.92	ug/l		87
78) n-propylbenzene	12.566	91	265317	18.70	ug/l		97
79) 2-Chlorotoluene	12.646	91	159648	19.11	ug/l		95
80) 1,3,5-Trimethylbenzene	12.708	105	205170	19.15	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.274	75	20618	15.45	ug/l		89
82) 4-Chlorotoluene	12.746	91	162548	18.90	ug/l		95
83) tert-Butylbenzene	12.968	119	175855	19.26	ug/l		97
84) 1,2,4-Trimethylbenzene	13.013	105	202394	19.40	ug/l		98
85) sec-Butylbenzene	13.145	105	225579	18.63	ug/l		98
86) p-Isopropyltoluene	13.264	119	209819	18.90	ug/l		98
87) 1,3-Dichlorobenzene	13.257	146	112857	20.55	ug/l		97
88) 1,4-Dichlorobenzene	13.338	146	110557	20.05	ug/l		97
89) n-Butylbenzene	13.589	91	165668	17.46	ug/l		98
90) Hexachloroethane	13.846	117	32391	16.97	ug/l		77
91) 1,2-Dichlorobenzene	13.627	146	111977	21.23	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	11736	16.81	ug/l		85
93) 1,2,4-Trichlorobenzene	14.881	180	54720	18.64	ug/l		98
94) Hexachlorobutadiene	14.981	225	38596	18.54	ug/l		98
95) Naphthalene	15.103	128	128422	17.38	ug/l		100
96) 1,2,3-Trichlorobenzene	15.283	180	53095	19.62	ug/l		97

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

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