Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
Data File : VN065461.D
Acq On : 11 Jan 2021 12:16
Operator : JC/MD
Sample : VN0111WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 00:05:47 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 :
VN0111WBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	266349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	384033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	351049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	168768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	129207	42.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.94%			
35) Dibromofluoromethane	7.553	113	114797	49.55	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.10%			
50) Toluene-d8	10.058	98	428286	49.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.64%			
62) 4-Bromofluorobenzene	12.376	95	155710	45.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	39615	16.07	ug/l	97
3) Chloromethane	2.052	50	47764	17.03	ug/l	99
4) Vinyl Chloride	2.181	62	54089	18.54	ug/l	96
5) Bromomethane	2.541	94	38561	18.59	ug/l	99
6) Chloroethane	2.686	64	34893	18.50	ug/l	99
7) Trichlorofluoromethane	3.001	101	75395	17.27	ug/l	97
8) Diethyl Ether	3.386	74	30746	17.89	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.724	101	45907	18.75	ug/l	96
10) Methyl Iodide	3.914	142	67294	18.19	ug/l	93
11) Tert butyl alcohol	4.772	59	39121	79.51	ug/l	100
12) 1,1-Dichloroethene	3.705	96	45037	17.22	ug/l	99
13) Acrolein	3.576	56	15719	49.20	ug/l	97
14) Allyl chloride	4.280	41	70414	16.33	ug/l	99
15) Acrylonitrile	4.946	53	108006	90.84	ug/l	99
16) Acetone	3.788	43	93418	66.12	ug/l	94
17) Carbon Disulfide	4.010	76	101249	15.12	ug/l	98
18) Methyl Acetate	4.293	43	53207	19.71	ug/l	96
19) Methyl tert-butyl Ether	5.007	73	147655	17.77	ug/l	98
20) Methylene Chloride	4.509	84	50434	17.19	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	46608	18.15	ug/l	99
22) Diisopropyl ether	5.917	45	151289	17.62	ug/l	96
23) Vinyl Acetate	5.853	43	594373	82.15	ug/l	99
24) 1,1-Dichloroethane	5.804	63	87786	18.64	ug/l	99
25) 2-Butanone	6.801	43	137898	81.69	ug/l	96
26) 2,2-Dichloropropane	6.779	77	72656	16.15	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	56169	18.79	ug/l	98
28) Bromochloromethane	7.155	49	33656	16.16	ug/l	94
29) Tetrahydrofuran	7.177	42	93406	85.57	ug/l	99
30) Chloroform	7.332	83	89672	18.50	ug/l	100
31) Cyclohexane	7.611	56	73170	16.48	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	76095	17.33	ug/l	99
36) 1,1-Dichloropropene	7.753	75	65979	18.90	ug/l	99
37) Ethyl Acetate	6.894	43	60044	17.35	ug/l	99
38) Carbon Tetrachloride	7.734	117	66701	18.19	ug/l	99
39) Methylcyclohexane	9.045	83	74721	17.81	ug/l	99
40) Benzene	8.004	78	200390	19.29	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.129	41	33040m	18.35	ug/l		
42) 1,2-Dichloroethane	8.087	62	70064	18.25	ug/l		99
43) Isopropyl Acetate	8.132	43	100234	16.80	ug/l		99
44) Trichloroethene	8.801	130	60121	20.05	ug/l		93
45) 1,2-Dichloropropane	9.084	63	53658	19.87	ug/l		98
46) Dibromomethane	9.174	93	35066	19.12	ug/l		89
47) Bromodichloromethane	9.370	83	71561	18.51	ug/l		97
48) Methyl methacrylate	9.168	41	49029	16.93	ug/l		100
49) 1,4-Dioxane	9.171	88	17686	376.85	ug/l		98
51) 4-Methyl-2-Pentanone	9.952	43	295579	88.13	ug/l		100
52) Toluene	10.123	92	127550	19.48	ug/l		100
53) t-1,3-Dichloropropene	10.351	75	76746	17.61	ug/l		99
54) cis-1,3-Dichloropropene	9.807	75	84642	18.28	ug/l		98
55) 1,1,2-Trichloroethane	10.531	97	51984	20.07	ug/l		95
56) Ethyl methacrylate	10.399	69	71816	17.90	ug/l		98
57) 1,3-Dichloropropane	10.679	76	86411	20.21	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.663	63	143823	82.41	ug/l		98
59) 2-Hexanone	10.724	43	209506	84.97	ug/l		99
60) Dibromochloromethane	10.872	129	59180	19.17	ug/l		99
61) 1,2-Dibromoethane	10.978	107	54178	19.48	ug/l		100
64) Tetrachloroethene	10.602	164	70560	20.70	ug/l		94
65) Chlorobenzene	11.405	112	146249	20.47	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.479	131	55623	20.00	ug/l		99
67) Ethyl Benzene	11.483	91	245317	19.05	ug/l		100
68) m/p-Xylenes	11.595	106	189816	39.13	ug/l		97
69) o-Xylene	11.920	106	92309	19.60	ug/l		99
70) Styrene	11.936	104	154186	19.62	ug/l		99
71) Bromoform	12.100	173	43714	18.26	ug/l	#	99
73) Isopropylbenzene	12.222	105	245396	19.09	ug/l		99
74) N-amyl acetate	12.045	43	82105	16.04	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.479	83	67531	19.48	ug/l		98
76) 1,2,3-Trichloropropane	12.528	75	66828m	19.41	ug/l		
77) Bromobenzene	12.499	156	68435	20.37	ug/l		87
78) n-propylbenzene	12.563	91	267313	18.42	ug/l		97
79) 2-Chlorotoluene	12.647	91	160706	18.81	ug/l		95
80) 1,3,5-Trimethylbenzene	12.708	105	207158	18.90	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.274	75	22682	16.61	ug/l		93
82) 4-Chlorotoluene	12.746	91	164654	18.71	ug/l		96
83) tert-Butylbenzene	12.968	119	180081	19.28	ug/l		97
84) 1,2,4-Trimethylbenzene	13.013	105	204744	19.19	ug/l		97
85) sec-Butylbenzene	13.145	105	228619	18.45	ug/l		98
86) p-Isopropyltoluene	13.264	119	216080	19.02	ug/l		98
87) 1,3-Dichlorobenzene	13.257	146	112354	20.00	ug/l		97
88) 1,4-Dichlorobenzene	13.338	146	112066	19.87	ug/l		98
89) n-Butylbenzene	13.589	91	170775	17.59	ug/l		98
90) Hexachloroethane	13.846	117	34534	17.69	ug/l		82
91) 1,2-Dichlorobenzene	13.627	146	112249	20.81	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.245	75	12472	17.47	ug/l		89
93) 1,2,4-Trichlorobenzene	14.881	180	55644	18.54	ug/l		98
94) Hexachlorobutadiene	14.981	225	39472	18.53	ug/l		98
95) Naphthalene	15.103	128	130801	17.32	ug/l		99
96) 1,2,3-Trichlorobenzene	15.283	180	54244	19.60	ug/l		97

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

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