Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
Data File : VN066103.D
Acq On : 2 Mar 2021 16:59
Operator : JC/MD
Sample : VN0302WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 03 03:52:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 02 14:05:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.621	168	88140	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.543	114	145357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.373	117	130667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	59906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	66227	49.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.74%			
35) Dibromofluoromethane	7.547	113	46672	50.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.40%			
50) Toluene-d8	10.055	98	178926	49.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.82%			
62) 4-Bromofluorobenzene	12.370	95	67001	48.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	20776	18.38	ug/l	98
3) Chloromethane	2.052	50	21976	18.51	ug/l	99
4) Vinyl Chloride	2.180	62	22796	18.28	ug/l	100
5) Bromomethane	2.550	94	15729	18.12	ug/l	97
6) Chloroethane	2.688	64	12673	19.08	ug/l	95
7) Trichlorofluoromethane	3.000	101	35757	18.18	ug/l	94
8) Diethyl Ether	3.380	74	10527	18.57	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.733	101	15878	19.15	ug/l	99
10) Methyl Iodide	3.917	142	22941	18.12	ug/l	93
11) Tert butyl alcohol	4.733	59	16668	90.00	ug/l	99
12) 1,1-Dichloroethene	3.708	96	16567	18.22	ug/l	92
13) Acrolein	3.576	56	13280	91.95	ug/l	96
14) Allyl chloride	4.286	41	27500	19.72	ug/l	97
15) Acrylonitrile	4.933	53	36197	89.98	ug/l	99
16) Acetone	3.782	43	41078	102.46	ug/l	90
17) Carbon Disulfide	4.020	76	47720	17.86	ug/l	98
18) Methyl Acetate	4.283	43	15407	18.00	ug/l	99
19) Methyl tert-butyl Ether	4.997	73	60041	17.83	ug/l	97
20) Methylene Chloride	4.508	84	18862	17.87	ug/l	92
21) trans-1,2-Dichloroethene	4.994	96	18547	19.64	ug/l	96
22) Diisopropyl ether	5.904	45	51949	18.58	ug/l	99
23) Vinyl Acetate	5.843	43	217017	91.48	ug/l	99
24) 1,1-Dichloroethane	5.798	63	33275	19.06	ug/l	97
25) 2-Butanone	6.782	43	48544	91.30	ug/l	99
26) 2,2-Dichloropropane	6.775	77	34106	18.99	ug/l	94
27) cis-1,2-Dichloroethene	6.778	96	21088	18.78	ug/l	94
28) Bromochloromethane	7.148	49	14463	20.05	ug/l #	99
29) Tetrahydrofuran	7.161	42	29841	86.97	ug/l	93
30) Chloroform	7.325	83	34812	18.07	ug/l	99
31) Cyclohexane	7.614	56	28535	17.79	ug/l #	94
32) 1,1,1-Trichloroethane	7.524	97	33550	18.50	ug/l	98
36) 1,1-Dichloropropene	7.749	75	25315	18.53	ug/l	99
37) Ethyl Acetate	6.878	43	20701	19.45	ug/l #	79
38) Carbon Tetrachloride	7.730	117	28958	18.44	ug/l	99
39) Methylcyclohexane	9.042	83	28332	19.19	ug/l	98
40) Benzene	8.000	78	75661	18.75	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.116	41	10000	18.36	ug/l	#	100
42) 1,2-Dichloroethane	8.080	62	30685	19.21	ug/l		95
43) Isopropyl Acetate	8.119	43	35934	18.04	ug/l	#	90
44) Trichloroethene	8.797	130	20894	18.54	ug/l		96
45) 1,2-Dichloropropane	9.077	63	18377	18.30	ug/l		98
46) Dibromomethane	9.170	93	12758	19.45	ug/l		96
47) Bromodichloromethane	9.363	83	28103	18.48	ug/l		98
48) Methyl methacrylate	9.161	41	17355	17.99	ug/l		95
49) 1,4-Dioxane	9.161	88	6375	373.33	ug/l		95
51) 4-Methyl-2-Pentanone	9.945	43	97849	89.73	ug/l		100
52) Toluene	10.119	92	49435	19.04	ug/l		92
53) t-1,3-Dichloropropene	10.347	75	32407	18.46	ug/l		97
54) cis-1,3-Dichloropropene	9.801	75	33756	18.56	ug/l		94
55) 1,1,2-Trichloroethane	10.527	97	18212	18.66	ug/l		97
56) Ethyl methacrylate	10.396	69	25217	18.21	ug/l		97
57) 1,3-Dichloropropane	10.672	76	30795	18.64	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.656	63	49636	91.92	ug/l		99
59) 2-Hexanone	10.717	43	66171	89.68	ug/l		99
60) Dibromochloromethane	10.868	129	20401	18.15	ug/l		99
61) 1,2-Dibromoethane	10.971	107	17908	18.02	ug/l		97
64) Tetrachloroethene	10.598	164	20622	19.12	ug/l		95
65) Chlorobenzene	11.399	112	50656	18.56	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.476	131	19621	18.97	ug/l		97
67) Ethyl Benzene	11.479	91	92023	18.72	ug/l		99
68) m/p-Xylenes	11.592	106	71439	37.63	ug/l		98
69) o-Xylene	11.916	106	34403	18.56	ug/l		97
70) Styrene	11.932	104	53478	18.36	ug/l		94
71) Bromoform	12.096	173	12620	17.57	ug/l	#	96
73) Isopropylbenzene	12.219	105	90177	18.35	ug/l		100
74) N-amyl acetate	12.045	43	20305	16.38	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.476	83	22820	17.55	ug/l		99
76) 1,2,3-Trichloropropane	12.521	75	23652m	17.88	ug/l		
77) Bromobenzene	12.495	156	21286	18.80	ug/l		91
78) n-propylbenzene	12.559	91	96773	18.13	ug/l		98
79) 2-Chlorotoluene	12.643	91	61319	17.87	ug/l		96
80) 1,3,5-Trimethylbenzene	12.701	105	78566	18.06	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.267	75	8088	17.99	ug/l		98
82) 4-Chlorotoluene	12.743	91	63865	18.03	ug/l		97
83) tert-Butylbenzene	12.961	119	63856	17.89	ug/l		95
84) 1,2,4-Trimethylbenzene	13.006	105	76539	18.00	ug/l		99
85) sec-Butylbenzene	13.138	105	80099	18.26	ug/l		99
86) p-Isopropyltoluene	13.257	119	76094	18.63	ug/l		97
87) 1,3-Dichlorobenzene	13.251	146	37052	18.79	ug/l		97
88) 1,4-Dichlorobenzene	13.331	146	37000	17.82	ug/l		94
89) n-Butylbenzene	13.582	91	59983	18.62	ug/l		99
90) Hexachloroethane	13.842	117	10999	17.73	ug/l		93
91) 1,2-Dichlorobenzene	13.624	146	36556	18.70	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.238	75	5845	16.20	ug/l		73
93) 1,2,4-Trichlorobenzene	14.878	180	19177	18.60	ug/l		98
94) Hexachlorobutadiene	14.974	225	9398	19.07	ug/l		98
95) Naphthalene	15.096	128	56730	16.99	ug/l		99
96) 1,2,3-Trichlorobenzene	15.276	180	19457	17.45	ug/l		98

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

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