Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
Data File : VN066075.D
Acq On : 1 Mar 2021 14:23
Operator : JC/MD
Sample : VN0301WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 01 21:42:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0301WBSD02

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.627	168	95978	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.550	114	160152	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.376	117	145938	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	66067	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.987	65	75522	56.27	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.54%				
35) Dibromofluoromethane	7.553	113	54033	54.51	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.02%				
50) Toluene-d8	10.058	98	207426	50.98	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.96%				
62) 4-Bromofluorobenzene	12.373	95	79082	51.78	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.852	85	22697	18.06	ug/l		98
3) Chloromethane	2.055	50	24468	15.54	ug/l		99
4) Vinyl Chloride	2.184	62	25585	16.50	ug/l		96
5) Bromomethane	2.550	94	17539	18.46	ug/l		95
6) Chloroethane	2.692	64	14856	16.98	ug/l		98
7) Trichlorofluoromethane	3.004	101	40922	21.19	ug/l		98
8) Diethyl Ether	3.386	74	13083	18.46	ug/l		93
9) 1,1,2-Trichlorotrifluo...	3.733	101	18731	18.34	ug/l		98
10) Methyl Iodide	3.930	142	25602	16.05	ug/l		93
11) Tert butyl alcohol	4.749	59	21344	114.37	ug/l	#	85
12) 1,1-Dichloroethene	3.714	96	19812	18.38	ug/l		97
13) Acrolein	3.582	56	17441	102.12	ug/l		97
14) Allyl chloride	4.293	41	32638	17.74	ug/l		97
15) Acrylonitrile	4.942	53	46698	90.24	ug/l		98
16) Acetone	3.788	43	48337	113.77	ug/l		95
17) Carbon Disulfide	4.026	76	52152	16.99	ug/l		99
18) Methyl Acetate	4.293	43	22506	20.29	ug/l		98
19) Methyl tert-butyl Ether	5.003	73	73644	21.24	ug/l		99
20) Methylene Chloride	4.518	84	22331	17.94	ug/l		98
21) trans-1,2-Dichloroethene	5.007	96	20944	18.49	ug/l		97
22) Diisopropyl ether	5.913	45	63752	17.32	ug/l		97
23) Vinyl Acetate	5.852	43	263954	91.42	ug/l		98
24) 1,1-Dichloroethane	5.807	63	39010	18.34	ug/l		99
25) 2-Butanone	6.791	43	62992	94.81	ug/l		99
26) 2,2-Dichloropropane	6.782	77	40787	24.45	ug/l		95
27) cis-1,2-Dichloroethene	6.782	96	24847	19.25	ug/l		93
28) Bromochloromethane	7.154	49	21019	21.44	ug/l		96
29) Tetrahydrofuran	7.171	42	38589	84.37	ug/l		93
30) Chloroform	7.331	83	42871	20.40	ug/l		99
31) Cyclohexane	7.617	56	33340	16.66	ug/l	#	96
32) 1,1,1-Trichloroethane	7.534	97	40052	22.73	ug/l		99
36) 1,1-Dichloropropene	7.756	75	31051	19.66	ug/l		98
37) Ethyl Acetate	6.884	43	24251	17.01	ug/l		96
38) Carbon Tetrachloride	7.736	117	34541	23.53	ug/l		99
39) Methylcyclohexane	9.045	83	32471	18.30	ug/l		95
40) Benzene	8.003	78	89597	18.49	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.129	41	11476	16.62	ug/l	#	100
42) 1,2-Dichloroethane	8.087	62	35896	22.54	ug/l		97
43) Isopropyl Acetate	8.126	43	45918	20.20	ug/l		97
44) Trichloroethene	8.801	130	25148	20.99	ug/l		100
45) 1,2-Dichloropropane	9.080	63	22688	18.29	ug/l		98
46) Dibromomethane	9.174	93	15679	20.74	ug/l		93
47) Bromodichloromethane	9.370	83	34856	22.65	ug/l		99
48) Methyl methacrylate	9.164	41	21612	18.77	ug/l		95
49) 1,4-Dioxane	9.167	88	8235	419.72	ug/l	#	91
51) 4-Methyl-2-Pentanone	9.949	43	129532	93.67	ug/l		99
52) Toluene	10.122	92	57355	19.28	ug/l		98
53) t-1,3-Dichloropropene	10.347	75	41058	22.70	ug/l		98
54) cis-1,3-Dichloropropene	9.807	75	41101	21.54	ug/l		95
55) 1,1,2-Trichloroethane	10.531	97	22469	20.18	ug/l		96
56) Ethyl methacrylate	10.399	69	31789	18.99	ug/l		99
57) 1,3-Dichloropropane	10.675	76	38250	19.48	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.662	63	73445	91.88	ug/l		96
59) 2-Hexanone	10.720	43	89490	90.85	ug/l		99
60) Dibromochloromethane	10.871	129	26390	23.19	ug/l		97
61) 1,2-Dibromoethane	10.974	107	23096	20.42	ug/l		99
64) Tetrachloroethene	10.598	164	24306	21.57	ug/l		95
65) Chlorobenzene	11.402	112	62172	20.37	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.476	131	23767	22.67	ug/l		96
67) Ethyl Benzene	11.482	91	110133	19.94	ug/l		98
68) m/p-Xylenes	11.592	106	83999	40.75	ug/l		95
69) o-Xylene	11.920	106	41751	21.01	ug/l		97
70) Styrene	11.936	104	66458	20.31	ug/l		96
71) Bromoform	12.096	173	16320	21.90	ug/l	#	99
73) Isopropylbenzene	12.219	105	109362	20.28	ug/l		99
74) N-amyl acetate	12.045	43	27690	14.80	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.476	83	30918	19.43	ug/l		99
76) 1,2,3-Trichloropropane	12.524	75	31630m	19.93	ug/l		
77) Bromobenzene	12.498	156	25435	20.62	ug/l		89
78) n-propylbenzene	12.563	91	115473	18.83	ug/l		99
79) 2-Chlorotoluene	12.646	91	73861	19.22	ug/l		98
80) 1,3,5-Trimethylbenzene	12.704	105	92943	20.29	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.273	75	9923	19.93	ug/l		95
82) 4-Chlorotoluene	12.743	91	75954	19.57	ug/l		97
83) tert-Butylbenzene	12.965	119	77283	20.42	ug/l		95
84) 1,2,4-Trimethylbenzene	13.010	105	93754	20.39	ug/l		98
85) sec-Butylbenzene	13.141	105	95100	19.35	ug/l		100
86) p-Isopropyltoluene	13.260	119	91288	20.46	ug/l		98
87) 1,3-Dichlorobenzene	13.254	146	44141	20.21	ug/l		96
88) 1,4-Dichlorobenzene	13.334	146	44016	19.73	ug/l		96
89) n-Butylbenzene	13.585	91	71324	18.96	ug/l		99
90) Hexachloroethane	13.846	117	13172	17.44	ug/l		99
91) 1,2-Dichlorobenzene	13.624	146	45284	20.68	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7329	23.83	ug/l		81
93) 1,2,4-Trichlorobenzene	14.878	180	23739	21.56	ug/l		96
94) Hexachlorobutadiene	14.977	225	11592	22.81	ug/l		94
95) Naphthalene	15.100	128	75645	21.59	ug/l		100
96) 1,2,3-Trichlorobenzene	15.280	180	24078	21.69	ug/l		99

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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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