Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
Data File : VN066497.D
Acq On : 6 Apr 2021 17:27
Operator : JC/MD
Sample : VN0406WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 07 04:47:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.584	168	283943	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.512	114	440039	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	406218	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	180287	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.947	65	185696	49.66	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.32%				
35) Dibromofluoromethane	7.507	113	144380	48.14	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.28%				
50) Toluene-d8	10.025	98	542902	47.64	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.28%				
62) 4-Bromofluorobenzene	12.345	95	170346	46.10	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.816	85	62771	19.56	ug/l		99
3) Chloromethane	2.017	50	78588	18.71	ug/l		99
4) Vinyl Chloride	2.143	62	86658	18.32	ug/l		100
5) Bromomethane	2.505	94	62614	18.19	ug/l		97
6) Chloroethane	2.644	64	59258	19.13	ug/l		100
7) Trichlorofluoromethane	2.955	101	115516	18.59	ug/l		100
8) Diethyl Ether	3.342	74	33522	19.73	ug/l		95
9) 1,1,2-Trichlorotrifluo...	3.682	101	49264	18.63	ug/l		96
10) Methyl Iodide	3.870	142	72592	18.81	ug/l		99
11) Tert butyl alcohol	4.680	59	55653	92.23	ug/l	#	92
12) 1,1-Dichloroethene	3.655	96	47685	18.07	ug/l		94
13) Acrolein	3.529	56	27578	86.77	ug/l		99
14) Allyl chloride	4.235	41	78246	17.56	ug/l	#	90
15) Acrylonitrile	4.873	53	163391	95.54	ug/l		99
16) Acetone	3.733	43	137951	88.02	ug/l		95
17) Carbon Disulfide	3.969	76	147377	17.30	ug/l		99
18) Methyl Acetate	4.235	43	70902	18.08	ug/l		94
19) Methyl tert-butyl Ether	4.932	73	177878	19.17	ug/l		99
20) Methylene Chloride	4.452	84	61617	18.31	ug/l		98
21) trans-1,2-Dichloroethene	4.937	96	55161	18.05	ug/l		95
22) Diisopropyl ether	5.849	45	193004	19.13	ug/l		91
23) Vinyl Acetate	5.790	43	845288	96.05	ug/l		100
24) 1,1-Dichloroethane	5.742	63	109314	19.08	ug/l		99
25) 2-Butanone	6.737	43	223491	95.04	ug/l		100
26) 2,2-Dichloropropane	6.724	77	92401	18.92	ug/l		100
27) cis-1,2-Dichloroethene	6.729	96	65742	18.76	ug/l		97
28) Bromochloromethane	7.102	49	50400	16.99	ug/l		100
29) Tetrahydrofuran	7.120	42	148714	94.25	ug/l		99
30) Chloroform	7.284	83	110708	19.17	ug/l		98
31) Cyclohexane	7.574	56	92988	18.08	ug/l		97
32) 1,1,1-Trichloroethane	7.483	97	94470	18.90	ug/l		99
36) 1,1-Dichloropropene	7.711	75	76147	17.81	ug/l		100
37) Ethyl Acetate	6.831	43	95159	17.98	ug/l		99
38) Carbon Tetrachloride	7.692	117	80545	18.59	ug/l		98
39) Methylcyclohexane	9.011	83	86323	17.64	ug/l		95
40) Benzene	7.960	78	250289	18.69	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.088	41	42422m	16.58	ug/l		
42) 1,2-Dichloroethane	8.046	62	88167	18.84	ug/l		99
43) Isopropyl Acetate	8.086	43	150224	18.33	ug/l	#	90
44) Trichloroethene	8.765	130	62616	18.16	ug/l		94
45) 1,2-Dichloropropane	9.049	63	67676	18.98	ug/l		100
46) Dibromomethane	9.140	93	43356	18.64	ug/l		100
47) Bromodichloromethane	9.336	83	87529	18.35	ug/l		96
48) Methyl methacrylate	9.132	41	63487	17.45	ug/l		94
49) 1,4-Dioxane	9.129	88	18404	372.87	ug/l		98
51) 4-Methyl-2-Pentanone	9.920	43	462797	95.08	ug/l		100
52) Toluene	10.092	92	150309	18.52	ug/l		98
53) t-1,3-Dichloropropene	10.320	75	91263	18.35	ug/l		98
54) cis-1,3-Dichloropropene	9.776	75	99926	18.31	ug/l		96
55) 1,1,2-Trichloroethane	10.500	97	63027	18.90	ug/l		99
56) Ethyl methacrylate	10.368	69	83801	18.08	ug/l		95
57) 1,3-Dichloropropane	10.645	76	102970	18.75	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.631	63	50506	92.63	ug/l		100
59) 2-Hexanone	10.693	43	305379	89.59	ug/l		99
60) Dibromochloromethane	10.840	129	67736	18.35	ug/l		99
61) 1,2-Dibromoethane	10.945	107	64801	18.79	ug/l		98
64) Tetrachloroethene	10.572	164	62426	18.29	ug/l		96
65) Chlorobenzene	11.374	112	156873	18.53	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.449	131	60541	18.86	ug/l		99
67) Ethyl Benzene	11.455	91	270061	18.53	ug/l		98
68) m/p-Xylenes	11.565	106	202527	37.27	ug/l		99
69) o-Xylene	11.889	106	97733	18.49	ug/l		98
70) Styrene	11.908	104	153211	17.67	ug/l		99
71) Bromoform	12.071	173	48303	18.66	ug/l	#	99
73) Isopropylbenzene	12.192	105	252479	19.29	ug/l		100
74) N-amyl acetate	12.028	43	31661	18.06	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.447	83	92818	19.04	ug/l		97
76) 1,2,3-Trichloropropane	12.498	75	80599m	19.82	ug/l		
77) Bromobenzene	12.468	156	67512	19.46	ug/l		96
78) n-propylbenzene	12.535	91	279940	19.08	ug/l		99
79) 2-Chlorotoluene	12.619	91	172157	19.32	ug/l		98
80) 1,3,5-Trimethylbenzene	12.678	105	210452	19.40	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.246	75	22722	19.62	ug/l		97
82) 4-Chlorotoluene	12.718	91	169786	19.30	ug/l		100
83) tert-Butylbenzene	12.938	119	177934	18.14	ug/l		97
84) 1,2,4-Trimethylbenzene	12.983	105	196955	18.76	ug/l		98
85) sec-Butylbenzene	13.115	105	229519	18.72	ug/l		99
86) p-Isopropyltoluene	13.233	119	198856	18.90	ug/l		99
87) 1,3-Dichlorobenzene	13.227	146	109443	18.39	ug/l		99
88) 1,4-Dichlorobenzene	13.308	146	108274	18.42	ug/l		96
89) n-Butylbenzene	13.560	91	157816	16.69	ug/l		99
90) Hexachloroethane	13.815	117	40750	18.54	ug/l		96
91) 1,2-Dichlorobenzene	13.597	146	108559	18.45	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.233	75	15957	17.61	ug/l		97
93) 1,2,4-Trichlorobenzene	14.981	180	65116	19.23	ug/l		97
94) Hexachlorobutadiene	15.107	225	35546	17.36	ug/l		97
95) Naphthalene	15.266	128	183082	18.63	ug/l		99
96) 1,2,3-Trichlorobenzene	15.502	180	62094	18.47	ug/l		98

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

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