Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
Data File : VN065840.D
Acq On : 12 Feb 2021 15:54
Operator : JC/MD
Sample : VN0212WBS03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0212WBS03

Manual Integrations APPROVED
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2/15/2021 1:31:57 PM

Quant Time: Feb 13 00:48:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.621	168	170809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	305722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	270929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	115203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	100326	44.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.30%			
35) Dibromofluoromethane	7.547	113	89799	49.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.14%			
50) Toluene-d8	10.055	98	347131	48.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.48%			
62) 4-Bromofluorobenzene	12.370	95	127160	49.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	40997	21.43	ug/l	98
3) Chloromethane	2.039	50	57296	20.38	ug/l	99
4) Vinyl Chloride	2.168	62	59540	20.91	ug/l	100
5) Bromomethane	2.541	94	37884	22.99	ug/l	99
6) Chloroethane	2.679	64	34974	21.23	ug/l	99
7) Trichlorofluoromethane	2.991	101	63635	21.38	ug/l	98
8) Diethyl Ether	3.377	74	29868	21.05	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.714	101	39857	22.07	ug/l	96
10) Methyl Iodide	3.901	142	58378	22.05	ug/l	97
11) Tert butyl alcohol	4.759	59	33265	79.03	ug/l	99
12) 1,1-Dichloroethene	3.692	96	42211	20.30	ug/l	98
13) Acrolein	3.566	56	22127	74.51	ug/l	100
14) Allyl chloride	4.267	41	70304	18.24	ug/l	92
15) Acrylonitrile	4.936	53	105246	95.98	ug/l	99
16) Acetone	3.779	43	75445	86.24	ug/l	97
17) Carbon Disulfide	3.997	76	118286	18.07	ug/l	99
18) Methyl Acetate	4.283	43	46642	19.03	ug/l	100
19) Methyl tert-butyl Ether	4.997	73	138984	20.02	ug/l	98
20) Methylene Chloride	4.499	84	49868	20.59	ug/l	97
21) trans-1,2-Dichloroethene	4.981	96	45134	20.42	ug/l	92
22) Diisopropyl ether	5.907	45	145712	18.49	ug/l	97
23) Vinyl Acetate	5.846	43	572008	90.88	ug/l	100
24) 1,1-Dichloroethane	5.795	63	84830	20.20	ug/l	99
25) 2-Butanone	6.795	43	123785	90.24	ug/l	99
26) 2,2-Dichloropropane	6.772	77	62504	18.59	ug/l	100
27) cis-1,2-Dichloroethene	6.778	96	52667	20.80	ug/l	97
28) Bromochloromethane	7.145	49	30079	17.04	ug/l	89
29) Tetrahydrofuran	7.174	42	87419	87.87	ug/l	100
30) Chloroform	7.325	83	78349	20.25	ug/l	98
31) Cyclohexane	7.608	56	79364	18.78	ug/l	99
32) 1,1,1-Trichloroethane	7.528	97	62088	19.71	ug/l	99
36) 1,1-Dichloropropene	7.749	75	63424	20.62	ug/l	99
37) Ethyl Acetate	6.888	43	54539	18.48	ug/l #	93
38) Carbon Tetrachloride	7.727	117	50048	19.76	ug/l	98
39) Methylcyclohexane	9.042	83	71599	19.07	ug/l	98
40) Benzene	8.000	78	197910	21.06	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.126	41	24595	15.52	ug/l	#	100
42) 1,2-Dichloroethane	8.084	62	59228	20.91	ug/l		98
43) Isopropyl Acetate	8.129	43	91697	17.52	ug/l		94
44) Trichloroethene	8.798	130	48763	21.39	ug/l		99
45) 1,2-Dichloropropane	9.081	63	53423	20.67	ug/l		98
46) Dibromomethane	9.174	93	29677	20.78	ug/l		96
47) Bromodichloromethane	9.367	83	58219	19.00	ug/l		99
48) Methyl methacrylate	9.167	41	44816	18.05	ug/l	#	93
49) 1,4-Dioxane	9.167	88	15191	378.12	ug/l		97
51) 4-Methyl-2-Pentanone	9.952	43	271209	94.00	ug/l		97
52) Toluene	10.122	92	119214	21.42	ug/l		100
53) t-1,3-Dichloropropene	10.351	75	66327	18.59	ug/l		99
54) cis-1,3-Dichloropropene	9.804	75	77945	19.61	ug/l		92
55) 1,1,2-Trichloroethane	10.531	97	45850	21.60	ug/l		96
56) Ethyl methacrylate	10.399	69	70705	20.14	ug/l	#	92
57) 1,3-Dichloropropane	10.675	76	79327	21.23	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.659	63	131394	81.05	ug/l		97
59) 2-Hexanone	10.720	43	188177	93.94	ug/l		94
60) Dibromochloromethane	10.872	129	42860	19.76	ug/l		99
61) 1,2-Dibromoethane	10.974	107	46042	21.76	ug/l		99
64) Tetrachloroethene	10.598	164	45244	19.93	ug/l		97
65) Chlorobenzene	11.402	112	124054	21.89	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.476	131	40973	20.45	ug/l		98
67) Ethyl Benzene	11.479	91	222106	20.86	ug/l		99
68) m/p-Xylenes	11.592	106	166241	43.13	ug/l		99
69) o-Xylene	11.916	106	81503	21.82	ug/l		98
70) Styrene	11.933	104	131430	21.38	ug/l		99
71) Bromoform	12.097	173	26620	19.22	ug/l	#	99
73) Isopropylbenzene	12.219	105	207909	20.61	ug/l		99
74) N-amyl acetate	12.042	43	76819	18.00	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.476	83	61954	20.80	ug/l		98
76) 1,2,3-Trichloropropane	12.524	75	54828m	18.20	ug/l		
77) Bromobenzene	12.495	156	48188	22.06	ug/l		85
78) n-propylbenzene	12.560	91	233497	19.64	ug/l		99
79) 2-Chlorotoluene	12.643	91	141056	19.98	ug/l		98
80) 1,3,5-Trimethylbenzene	12.704	105	173342	20.18	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.270	75	19345	16.45	ug/l		96
82) 4-Chlorotoluene	12.743	91	143930	19.97	ug/l		98
83) tert-Butylbenzene	12.965	119	142169	19.85	ug/l		98
84) 1,2,4-Trimethylbenzene	13.010	105	175976	20.54	ug/l		100
85) sec-Butylbenzene	13.142	105	188740	19.52	ug/l		97
86) p-Isopropyltoluene	13.261	119	167851	19.66	ug/l		99
87) 1,3-Dichlorobenzene	13.254	146	83735	21.51	ug/l		97
88) 1,4-Dichlorobenzene	13.334	146	82500	20.88	ug/l		96
89) n-Butylbenzene	13.585	91	143426	18.70	ug/l		99
90) Hexachloroethane	13.846	117	25492	17.07	ug/l		94
91) 1,2-Dichlorobenzene	13.624	146	84628	21.91	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	10201	17.26	ug/l		97
93) 1,2,4-Trichlorobenzene	14.878	180	43619	20.75	ug/l		98
94) Hexachlorobutadiene	14.977	225	18036	19.02	ug/l		99
95) Naphthalene	15.100	128	150060	22.17	ug/l		100
96) 1,2,3-Trichlorobenzene	15.276	180	44759	21.15	ug/l		98

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

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