Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032419\
Data File : VN054640.D
Acq On : 24 Mar 2019 11:43
Operator : JC/SP
Sample : VN0324MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Manual Integrations APPROVED
MMDadoda
3/25/2019 9:54:44 AM

Quant Time: Mar 25 06:47:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	459694	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	725777	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	631087	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	274369	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	287642	50.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.62%				
35) Dibromofluoromethane	7.59	113	226497	48.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.88%				
50) Toluene-d8	10.09	98	845419	48.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.18%				
62) 4-Bromofluorobenzene	12.40	95	289459	48.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	94624	21.532	ug/l		97
3) Chloromethane	2.06	50	124549	20.830	ug/l		98
4) Vinyl Chloride	2.19	62	116899	19.473	ug/l		99
5) Bromomethane	2.57	94	66456	17.120	ug/l		98
6) Chloroethane	2.71	64	67942	18.869	ug/l		97
7) Trichlorofluoromethane	3.02	101	148875	20.421	ug/l		100
8) Diethyl Ether	3.41	74	48905	17.443	ug/l		67
9) 1,1,2-Trichlorotrifluoroet	3.75	101	81160	18.943	ug/l		94
10) Methyl Iodide	3.94	142	105479	16.736	ug/l	#	89
11) Tert butyl alcohol	4.81	59	35209	101.709	ug/l		98
12) 1,1-Dichloroethene	3.73	96	77493	17.477	ug/l	#	75
13) Acrolein	3.61	56	15048	31.500	ug/l		95
14) Allyl chloride	4.31	41	173810	20.817	ug/l	#	93
15) Acrylonitrile	4.99	53	184289	106.902	ug/l		99
16) Acetone	3.82	43	186304	108.374	ug/l	#	83
17) Carbon Disulfide	4.04	76	214650	18.068	ug/l		99
18) Methyl Acetate	4.33	43	83652	21.832	ug/l		90
19) Methyl tert-butyl Ether	5.05	73	266308	20.580	ug/l		95
20) Methylene Chloride	4.54	84	104237	20.570	ug/l	#	81
21) trans-1,2-Dichloroethene	5.03	96	94743	20.926	ug/l	#	81
22) Diisopropyl ether	5.96	45	368620	22.383	ug/l	#	94
23) Vinyl Acetate	5.90	43	1270931	109.267	ug/l	#	92
24) 1,1-Dichloroethane	5.84	63	192362	21.693	ug/l		98
25) 2-Butanone	6.84	43	249396	113.252	ug/l	#	89
26) 2,2-Dichloropropane	6.82	77	135201	21.389	ug/l		97
27) cis-1,2-Dichloroethene	6.83	96	110073	20.383	ug/l		89
28) Bromochloromethane	7.19	49	91856	21.045	ug/l	#	73
29) Tetrahydrofuran	7.22	42	152477	106.699	ug/l	#	85
30) Chloroform	7.37	83	187322	21.646	ug/l		98
31) Cyclohexane	7.65	56	188371	21.096	ug/l		90
32) 1,1,1-Trichloroethane	7.57	97	151391	21.205	ug/l		94
36) 1,1-Dichloropropene	7.79	75	142284	20.967	ug/l		95
37) Ethyl Acetate	6.94	43	104522	21.656	ug/l		95
38) Carbon Tetrachloride	7.77	117	132174	20.043	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	161293	20.778	ug/l		90
40) Benzene	8.04	78	407400	20.994	ug/l		100
41) Methacrylonitrile	7.17	41	51805	17.600	ug/l		92
42) 1,2-Dichloroethane	8.12	62	147849	20.921	ug/l		97
43) Isopropyl Acetate	8.17	43	172250	21.132	ug/l	#	93
44) Trichloroethene	8.83	130	107375	19.903	ug/l		94
45) 1,2-Dichloropropane	9.12	63	115279	22.124	ug/l		98
46) Dibromomethane	9.21	93	66685	21.452	ug/l		87
47) Bromodichloromethane	9.40	83	136735	21.195	ug/l		99
48) Methyl methacrylate	9.20	41	90282	20.406	ug/l	#	85
49) 1,4-Dioxane	9.20	88	20509	414.659	ug/l	#	84
51) 4-Methyl-2-Pentanone	9.99	43	489428	108.341	ug/l		94
52) Toluene	10.16	92	247282	20.719	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	121618	19.305	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	154521	20.889	ug/l	#	90
55) 1,1,2-Trichloroethane	10.56	97	88609	20.654	ug/l		96
56) Ethyl methacrylate	10.43	69	114126	19.819	ug/l	#	81
57) 1,3-Dichloropropane	10.71	76	159378	21.371	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	211201	89.071	ug/l		89
59) 2-Hexanone	10.75	43	325739	110.392	ug/l		90
60) Dibromochloromethane	10.90	129	90875	19.906	ug/l		99
61) 1,2-Dibromoethane	11.00	107	84952	20.029	ug/l		100
64) Tetrachloroethene	10.63	164	106569	20.359	ug/l		95
65) Chlorobenzene	11.43	112	256453	19.980	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	95180	20.659	ug/l		98
67) Ethyl Benzene	11.51	91	474326	20.920	ug/l		97
68) m/p-Xylenes	11.62	106	351810	40.965	ug/l		96
69) o-Xylene	11.95	106	172930	20.619	ug/l		97
70) Styrene	11.96	104	281302	20.654	ug/l		97
71) Bromoform	12.13	173	52196	17.924	ug/l	#	98
73) Isopropylbenzene	12.25	105	460294	20.819	ug/l		97
74) N-amyl acetate	12.07	43	137520	21.632	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.50	83	106857	21.172	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	91516m	21.020	ug/l		
77) Bromobenzene	12.53	156	110505	20.153	ug/l		85
78) n-propylbenzene	12.59	91	510452	21.292	ug/l		96
79) 2-Chlorotoluene	12.67	91	304828	20.389	ug/l		96
80) 1,3,5-Trimethylbenzene	12.73	105	377996	20.860	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	21153	18.858	ug/l	#	76
82) 4-Chlorotoluene	12.77	91	302683	20.887	ug/l		95
83) tert-Butylbenzene	12.99	119	333358	21.135	ug/l		96
84) 1,2,4-Trimethylbenzene	13.04	105	368398	20.720	ug/l		98
85) sec-Butylbenzene	13.17	105	412268	20.967	ug/l		98
86) p-Isopropyltoluene	13.29	119	373577	21.237	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	187105	20.591	ug/l		98
88) 1,4-Dichlorobenzene	13.36	146	182165	20.604	ug/l		98
89) n-Butylbenzene	13.61	91	292639	21.275	ug/l		97
90) Hexachloroethane	13.87	117	55627	20.372	ug/l		85
91) 1,2-Dichlorobenzene	13.65	146	183380	20.835	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15498	20.936	ug/l		80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	86687	19.757	ug/l	98
94) Hexachlorobutadiene	15.01	225	62287	23.977	ug/l	100
95) Naphthalene	15.13	128	183261	18.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	85029	19.472	ug/l	98

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

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