Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018730.D
Acq On : 04 Feb 2019 22:01
Operator : JU/SJ
Sample : K1011-14MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:36 AM

Quant Time: Feb 05 04:03:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	223921	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	815204	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	411502	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	840937	20.00	ng	0.00
76) Chrysene-d12	21.31	240	822850	20.00	ng	0.00
87) Perylene-d12	23.57	264	883183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1627358	134.19	ng	0.00
7) Phenol-d6	6.89	99	1860122	120.77	ng	0.00
23) Nitrobenzene-d5	8.89	82	1350976	96.07	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	740358	141.30	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3120492	98.95	ng	0.00
79) Terphenyl-d14	19.75	244	3757446	96.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	177097	35.831	ng	# 34
3) Pyridine	3.68	79	392899	31.884	ng	99
4) n-Nitrosodimethylamine	3.58	42	243452	47.777	ng	# 93
6) Aniline	7.06	93	80011	4.657	ng	97
8) 2-Chlorophenol	7.29	128	583339	41.187	ng	97
9) Benzaldehyde	6.87	77	326953	35.802	ng	99
10) Phenol	6.92	94	553154	35.342	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	489553	39.807	ng	97
12) 1,3-Dichlorobenzene	7.60	146	649805	38.525	ng	98
13) 1,4-Dichlorobenzene	7.75	146	664386	38.863	ng	98
14) 1,2-Dichlorobenzene	8.07	146	632791	39.036	ng	99
15) Benzyl Alcohol	7.97	79	440839	39.627	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	658479	41.897	ng	96
17) 2-Methylphenol	8.16	107	423675	39.879	ng	99
18) Hexachloroethane	8.78	117	230059	37.743	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	377498	37.661	ng	93
20) 3+4-Methylphenols	8.49	107	562990	38.386	ng	99
22) Acetophenone	8.55	105	787500	39.051	ng	# 98
24) Nitrobenzene	8.93	77	587654	42.472	ng	99
25) Isophorone	9.45	82	978494	45.951	ng	98
26) 2-Nitrophenol	9.63	139	297085	44.405	ng	96
27) 2,4-Dimethylphenol	9.69	122	475159	47.383	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	631136	42.904	ng	99
29) 2,4-Dichlorophenol	10.16	162	501736	42.018	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	601721	40.598	ng	99
31) Naphthalene	10.56	128	1740122	44.323	ng	99
32) Benzoic acid	9.79	122	65538	14.894	ng	96
33) 4-Chloroaniline	10.69	127	37101	2.400	ng	99
34) Hexachlorobutadiene	10.82	225	362755	38.741	ng	98
35) Caprolactam	11.49	113	98713m	24.315	ng	
36) 4-Chloro-3-methylphenol	11.80	107	492278	39.295	ng	99
37) 2-Methylnaphthalene	12.17	142	1230559	44.362	ng	99
38) 1-Methylnaphthalene	12.40	142	1163954	43.367	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	633483	44.022	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	708707	89.736 ng	100
43) 2,4,6-Trichlorophenol	12.79	196	396279	45.349 ng	99
44) 2,4,5-Trichlorophenol	12.86	196	408601	44.460 ng	99
46) 1,1'-Biphenyl	13.20	154	1530333	42.592 ng	99
47) 2-Chloronaphthalene	13.24	162	1180356	42.364 ng	99
48) 2-Nitroaniline	13.46	65	280818	40.966 ng	94
49) Acenaphthylene	14.09	152	1843490	45.401 ng	100
50) Dimethylphthalate	13.83	163	1391782	41.182 ng	99
51) 2,6-Dinitrotoluene	13.96	165	303625	42.413 ng	95
52) Acenaphthene	14.43	154	1061147	42.712 ng	98
53) 3-Nitroaniline	14.29	138	40378	5.595 ng	96
54) 2,4-Dinitrophenol	14.50	184	139114	39.867 ng	92
55) Dibenzofuran	14.77	168	1701199	41.442 ng	99
56) 4-Nitrophenol	14.60	139	418029	67.047 ng	97
57) 2,4-Dinitrotoluene	14.74	165	408439	40.325 ng	97
58) Fluorene	15.42	166	1353910	44.276 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	356056	43.709 ng	99
60) Diethylphthalate	15.20	149	1367231	40.075 ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	690744	39.193 ng	98
62) 4-Nitroaniline	15.46	138	233907	29.714 ng	96
63) Azobenzene	15.71	77	1131227	40.668 ng	97
65) 4,6-Dinitro-2-methylphenol	15.50	198	137840	28.220 ng	95
66) n-Nitrosodiphenylamine	15.63	169	1153124	44.206 ng	99
67) 4-Bromophenyl-phenylether	16.31	248	398650	42.362 ng	97
68) Hexachlorobenzene	16.42	284	447021	42.432 ng	98
69) Atrazine	16.59	200	389156	41.266 ng	99
70) Pentachlorophenol	16.76	266	499688	72.423 ng	99
71) Phenanthrene	17.16	178	2018699	45.132 ng	99
72) Anthracene	17.25	178	2029971	47.195 ng	100
73) Carbazole	17.53	167	1796850	40.662 ng	99
74) Di-n-butylphthalate	18.08	149	2123484	43.869 ng	99
75) Fluoranthene	19.18	202	2215690	42.965 ng	99
77) Benzidine	19.38	184	251136	12.361 ng	99
78) Pyrene	19.54	202	2287781	46.905 ng	100
80) Butylbenzylphthalate	20.44	149	914884	43.958 ng	99
81) Benzo(a)anthracene	21.29	228	2226107	45.922 ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	210757	11.497 ng	97
83) Chrysene	21.34	228	2088566	44.618 ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1280616	42.611 ng	99
85) Di-n-octyl phthalate	22.10	149	2233550	44.187 ng	95
86) Indeno(1,2,3-cd)pyrene	25.86	276	2884561	53.440 ng	98
88) Benzo(b)fluoranthene	22.89	252	2272614	45.325 ng	99
89) Benzo(k)fluoranthene	22.93	252	2253233	44.592 ng	99
90) Benzo(a)pyrene	23.47	252	2249302	46.858 ng	98
91) Dibenzo(a,h)anthracene	25.87	278	2433695	50.037 ng	98
92) Benzo(g,h,i)perylene	26.57	276	2419634	51.121 ng	98

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

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