Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
Data File : BM018712.D
Acq On : 01 Feb 2019 18:49
Operator : JU/SJ
Sample : PB116742BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116742BS

Manual Integrations APPROVED
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2/4/2019 12:44:36 PM

Quant Time: Feb 01 22:21:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	242528	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	909051	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	463775	20.00	ng		-0.02
64) Phenanthrene-d10	17.12	188	950443	20.00	ng		-0.02
76) Chrysene-d12	21.31	240	865359	20.00	ng		-0.02
87) Perylene-d12	23.57	264	874496	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1836207	139.80	ng		-0.02
7) Phenol-d6	6.90	99	2267635	135.93	ng		-0.01
23) Nitrobenzene-d5	8.89	82	1238609	78.99	ng		-0.02
42) 2,4,6-Tribromophenol	15.87	330	787771	133.40	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	2890203	81.32	ng		-0.02
79) Terphenyl-d14	19.76	244	3684185	89.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	195121	36.449	ng		96
3) Pyridine	3.66	79	510288	38.234	ng		98
4) n-Nitrosodimethylamine	3.57	42	249532	45.213	ng	#	94
6) Aniline	7.06	93	615412	33.070	ng		98
8) 2-Chlorophenol	7.29	128	622073	40.552	ng		97
9) Benzaldehyde	6.88	77	131330	11.249	ng		99
10) Phenol	6.93	94	679888	40.106	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	503470	37.798	ng		98
12) 1,3-Dichlorobenzene	7.61	146	696098	38.103	ng		98
13) 1,4-Dichlorobenzene	7.76	146	708273	38.252	ng		99
14) 1,2-Dichlorobenzene	8.07	146	681530	38.817	ng		100
15) Benzyl Alcohol	7.97	79	470386	39.039	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	657660	38.635	ng		97
17) 2-Methylphenol	8.16	107	460418	40.012	ng		98
18) Hexachloroethane	8.79	117	249188	37.745	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	389465	35.874	ng		93
20) 3+4-Methylphenols	8.49	107	617198	38.854	ng		99
22) Acetophenone	8.55	105	813972	36.196	ng	#	97
24) Nitrobenzene	8.93	77	597298	38.712	ng		97
25) Isophorone	9.45	82	1017937	42.868	ng		97
26) 2-Nitrophenol	9.63	139	322115	43.176	ng		97
27) 2,4-Dimethylphenol	9.69	122	508167	45.443	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	650811	39.674	ng		99
29) 2,4-Dichlorophenol	10.16	162	539744	40.534	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	627586	37.972	ng		99
31) Naphthalene	10.56	128	1813418	41.421	ng		99
32) Benzoic acid	9.83	122	348389m	46.506	ng		
33) 4-Chloroaniline	10.69	127	261848	15.187	ng		98
34) Hexachlorobutadiene	10.83	225	378618	36.261	ng		98
35) Caprolactam	11.49	113	144910m	32.009	ng		
36) 4-Chloro-3-methylphenol	11.81	107	525936	37.648	ng		100
37) 2-Methylnaphthalene	12.17	142	1271418	41.103	ng		99
38) 1-Methylnaphthalene	12.40	142	1200771	40.120	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	649679	40.059	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	802452	90.154	ng		99
43) 2,4,6-Trichlorophenol	12.79	196	415392	42.178	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	432203	41.727	ng		99
46) 1,1'-Biphenyl	13.20	154	1566028	38.673	ng		99
47) 2-Chloronaphthalene	13.24	162	1217978	38.787	ng		99
48) 2-Nitroaniline	13.46	65	302255	39.124	ng		94
49) Acenaphthylene	14.09	152	1895060	41.411	ng		99
50) Dimethylphthalate	13.83	163	1409269	37.000	ng		98
51) 2,6-Dinitrotoluene	13.96	165	310491	38.484	ng		91
52) Acenaphthene	14.43	154	1085728	38.776	ng		99
53) 3-Nitroaniline	14.30	138	184366	22.666	ng		97
54) 2,4-Dinitrophenol	14.50	184	322146	74.319	ng		90
55) Dibenzofuran	14.77	168	1734421	37.489	ng		100
56) 4-Nitrophenol	14.60	139	514453	73.212	ng		98
57) 2,4-Dinitrotoluene	14.75	165	416333	36.471	ng		99
58) Fluorene	15.42	166	1373602	39.857	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	375119	40.859	ng		97
60) Diethylphthalate	15.20	149	1394827	36.275	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	700531	35.268	ng		99
62) 4-Nitroaniline	15.46	138	283140	31.914	ng		96
63) Azobenzene	15.71	77	1146326	36.566	ng		98
65) 4,6-Dinitro-2-methylphenol	15.51	198	218258	37.373	ng		89
66) n-Nitrosodiphenylamine	15.64	169	1178246	39.965	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	409966	38.545	ng		96
68) Hexachlorobenzene	16.42	284	451375	37.909	ng		99
69) Atrazine	16.59	200	411380	38.597	ng		98
70) Pentachlorophenol	16.77	266	550003	70.531	ng		100
71) Phenanthrene	17.16	178	2046821	40.488	ng		100
72) Anthracene	17.26	178	2076426	42.713	ng		99
73) Carbazole	17.53	167	1833592	36.713	ng		99
74) Di-n-butylphthalate	18.09	149	2238384	40.915	ng		99
75) Fluoranthene	19.19	202	2256381	38.713	ng		98
77) Benzidine	19.38	184	903595	42.289	ng		99
78) Pyrene	19.55	202	2291021	44.664	ng		100
80) Butylbenzylphthalate	20.45	149	970836	44.355	ng		97
81) Benzo(a)anthracene	21.30	228	2114815	41.483	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	585803	30.388	ng		99
83) Chrysene	21.35	228	1965179	39.919	ng		99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1349731	42.705	ng		99
85) Di-n-octyl phthalate	22.10	149	2274533	42.788	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	2516892	44.338	ng		97
88) Benzo(b)fluoranthene	22.90	252	2012965	40.545	ng		99
89) Benzo(k)fluoranthene	22.94	252	2039910	40.771	ng		98
90) Benzo(a)pyrene	23.48	252	2018372	42.465	ng		98
91) Dibenzo(a,h)anthracene	25.89	278	2111194	43.837	ng		99
92) Benzo(g,h,i)perylene	26.58	276	2115450	45.139	ng		98

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

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