Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020735.D
Acq On : 05 Jun 2019 14:19
Operator : HP/JU
Sample : PB120137BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:38 AM

Quant Time: Jun 05 18:42:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 18:16:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	326062	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	1246728	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	644432	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1218740	20.00	ng		0.00
76) Chrysene-d12	21.38	240	1004707	20.00	ng		0.00
87) Perylene-d12	23.67	264	1179162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2528048	136.39	ng		0.00
7) Phenol-d6	6.99	99	3292889	120.65	ng		0.00
23) Nitrobenzene-d5	8.99	82	1977371	82.18	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	1076690	134.85	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	4370473	90.16	ng		0.00
79) Terphenyl-d14	19.83	244	4757188	79.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	312800	41.217	ng		98
3) Pyridine	3.74	79	882124	36.533	ng		100
4) n-Nitrosodimethylamine	3.66	42	392401	37.699	ng		99
6) Aniline	7.16	93	1139135	28.845	ng		99
8) 2-Chlorophenol	7.39	128	990502	42.954	ng		100
9) Benzaldehyde	6.97	77	306842	15.646	ng		99
10) Phenol	7.02	94	1199998	40.798	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	883397	37.686	ng		100
12) 1,3-Dichlorobenzene	7.71	146	1042697	39.344	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1063246	39.464	ng		98
14) 1,2-Dichlorobenzene	8.17	146	1018653	38.851	ng		99
15) Benzyl Alcohol	8.06	79	863949	35.781	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1194744	33.013	ng		98
17) 2-Methylphenol	8.26	107	794829	38.429	ng		99
18) Hexachloroethane	8.89	117	386562	37.475	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	725591	33.072	ng		99
20) 3+4-Methylphenols	8.59	107	1046943	37.204	ng		98
22) Acetophenone	8.65	105	1359992	42.941	ng	#	100
24) Nitrobenzene	9.03	77	1074535	43.743	ng		98
25) Isophorone	9.55	82	1881569	39.310	ng		99
26) 2-Nitrophenol	9.73	139	464195	50.703	ng		99
27) 2,4-Dimethylphenol	9.79	122	841734	49.066	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	1155028	39.910	ng		99
29) 2,4-Dichlorophenol	10.26	162	871514	45.917	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	972641	44.567	ng		99
31) Naphthalene	10.66	128	2798787	43.655	ng		99
32) Benzoic acid	9.92	122	438112	41.368	ng		100
33) 4-Chloroaniline	10.77	127	464331	15.562	ng		98
34) Hexachlorobutadiene	10.94	225	568664	43.426	ng		99
35) Caprolactam	11.56	113	233218m	35.370	ng		
36) 4-Chloro-3-methylphenol	11.89	107	870368	39.441	ng		100
37) 2-Methylnaphthalene	12.27	142	2021454	42.539	ng		100
38) 1-Methylnaphthalene	12.50	142	1887101	41.705	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1043598	49.416	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1323770	104.807 ng	99
43) 2,4,6-Trichlorophenol	12.88	196	644832	47.436 ng	99
44) 2,4,5-Trichlorophenol	12.95	196	683080	48.673 ng	98
46) 1,1'-Biphenyl	13.29	154	2496973	46.394 ng	100
47) 2-Chloronaphthalene	13.33	162	1935987	44.569 ng	99
48) 2-Nitroaniline	13.54	65	522077	38.293 ng	99
49) Acenaphthylene	14.18	152	2992841	44.157 ng	100
50) Dimethylphthalate	13.92	163	2230169	40.506 ng	99
51) 2,6-Dinitrotoluene	14.04	165	484868	43.372 ng	98
52) Acenaphthene	14.52	154	1745614	43.218 ng	100
53) 3-Nitroaniline	14.37	138	294313	23.586 ng	98
54) 2,4-Dinitrophenol	14.57	184	385679	80.175 ng	99
55) Dibenzofuran	14.86	168	2699914	43.039 ng	99
56) 4-Nitrophenol	14.67	139	744527	80.969 ng	99
57) 2,4-Dinitrotoluene	14.83	165	619071	41.358 ng	98
58) Fluorene	15.51	166	2133169	41.350 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.08	232	566713	46.342 ng	98
60) Diethylphthalate	15.29	149	2130851	37.526 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1118698	40.956 ng	98
62) 4-Nitroaniline	15.53	138	443971	33.548 ng	100
63) Azobenzene	15.80	77	2017566	37.061 ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	238314	43.897 ng	98
66) n-Nitrosodiphenylamine	15.72	169	1798648	46.102 ng	99
67) 4-Bromophenyl-phenylether	16.40	248	641922	44.735 ng	98
68) Hexachlorobenzene	16.50	284	745555	44.495 ng	99
69) Atrazine	16.67	200	559859	48.081 ng	100
70) Pentachlorophenol	16.85	266	820680	102.667 ng	100
71) Phenanthrene	17.24	178	2989137	43.269 ng	100
72) Anthracene	17.33	178	3036505	43.917 ng	99
73) Carbazole	17.61	167	2603939	41.501 ng	100
74) Di-n-butylphthalate	18.17	149	3119884	38.304 ng	99
75) Fluoranthene	19.26	202	3109555	40.476 ng	100
77) Benzidine	19.45	184	1342731	44.106 ng	100
78) Pyrene	19.62	202	3185677	41.319 ng	99
80) Butylbenzylphthalate	20.52	149	1198239	36.776 ng	100
81) Benzo(a)anthracene	21.37	228	2925516	41.813 ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	874146	34.118 ng	99
83) Chrysene	21.42	228	2888040	43.424 ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1679707	35.471 ng	99
85) Di-n-octyl phthalate	22.19	149	2741326	36.463 ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4188453	61.558 ng	99
88) Benzo(b)fluoranthene	22.98	252	3246487	41.656 ng	100
89) Benzo(k)fluoranthene	23.03	252	3104095	40.756 ng	100
90) Benzo(a)pyrene	23.57	252	3200147	45.269 ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3530877	51.483 ng	99
92) Benzo(g,h,i)perylene	26.70	276	3448047	54.127 ng	99

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

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