Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111143.D
Acq On : 6 Dec 2018 17:37
Operator : JU/SJ
Sample : J6233-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2MS

Manual Integrations APPROVED
mohammad
12/10/2018 12:18:59 PM

Quant Time: Dec 07 11:38:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 13:41:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	485460	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1923241	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	908120	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1560157	20.00	ng		0.00
76) Chrysene-d12	13.96	240	809801	20.00	ng		0.00
87) Perylene-d12	15.39	264	908065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3417735	109.86	ng		0.01
7) Phenol-d6	6.44	99	4435282	110.67	ng		0.00
23) Nitrobenzene-d5	7.37	82	2860008	88.04	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	931164	129.00	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4484786	92.72	ng		0.00
79) Terphenyl-d14	12.91	244	3610255	91.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	472463	26.403	ng		98
3) Pyridine	3.32	79	1227173	30.921	ng		97
4) n-Nitrosodimethylamine	3.25	42	782287	40.034	ng		100
6) Aniline	6.47	93	1775195	33.155	ng		99
8) 2-Chlorophenol	6.59	128	1356553	37.831	ng		95
9) Benzaldehyde	6.35	77	684627	29.468	ng		98
10) Phenol	6.46	94	1936729m	44.322	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1300798	36.423	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1379565	36.175	ng		96
13) 1,4-Dichlorobenzene	6.83	146	1395300	36.357	ng		96
14) 1,2-Dichlorobenzene	6.98	146	1316627	36.880	ng		99
15) Benzyl Alcohol	6.95	79	1213375	38.213	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2574199	37.054	ng		99
17) 2-Methylphenol	7.06	107	1139090	38.698	ng		99
18) Hexachloroethane	7.32	117	530937	36.879	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	991640	36.821	ng		98
20) 3+4-Methylphenols	7.21	107	1376958	38.355	ng		95
22) Acetophenone	7.22	105	1805667	38.851	ng	#	92
24) Nitrobenzene	7.39	77	1425355	40.785	ng		98
25) Isophorone	7.63	82	2632333	44.153	ng		100
26) 2-Nitrophenol	7.70	139	707294	47.897	ng		93
27) 2,4-Dimethylphenol	7.74	122	1235310	44.419	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	1669032	41.354	ng		99
29) 2,4-Dichlorophenol	7.95	162	1119835	40.902	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	1082735	39.180	ng		97
31) Naphthalene	8.11	128	3715667	44.374	ng		99
32) Benzoic acid	7.82	122	205356	11.198	ng		96
33) 4-Chloroaniline	8.16	127	1397885	34.536	ng		96
34) Hexachlorobutadiene	8.24	225	584249	38.903	ng		100
35) Caprolactam	8.52	113	417788m	41.561	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1224635	40.836	ng		97
37) 2-Methylnaphthalene	8.80	142	2533309	43.859	ng		99
38) 1-Methylnaphthalene	8.90	142	2396798	43.161	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	902509	37.289	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 13:41:03 2018
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1051098	82.361 ng		98
43) 2,4,6-Trichlorophenol	9.08	196	744643	42.125 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	784081	43.756 ng		98
46) 1,1'-Biphenyl	9.27	154	2832422	38.100 ng		99
47) 2-Chloronaphthalene	9.29	162	2267845	39.258 ng		98
48) 2-Nitroaniline	9.38	65	818097	43.700 ng		96
49) Acenaphthylene	9.70	152	3564050	44.138 ng		100
50) Dimethylphthalate	9.57	163	3000233	47.471 ng		100
51) 2,6-Dinitrotoluene	9.62	165	627298	46.814 ng		90
52) Acenaphthene	9.88	154	2228736	41.779 ng		99
53) 3-Nitroaniline	9.79	138	655272	38.931 ng		98
54) 2,4-Dinitrophenol	9.89	184	255492	61.813 ng	#	73
55) Dibenzofuran	10.05	168	3103154	42.234 ng		98
56) 4-Nitrophenol	9.95	139	1013282	79.889 ng		86
57) 2,4-Dinitrotoluene	10.03	165	814459	47.063 ng	#	92
58) Fluorene	10.39	166	2323062	44.835 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	605026m	45.238 ng		
60) Diethylphthalate	10.27	149	2657572	42.076 ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	1055488	41.336 ng		97
62) 4-Nitroaniline	10.40	138	630696	41.517 ng		97
63) Azobenzene	10.55	77	2690286	40.008 ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	238748	37.041 ng		86
66) n-Nitrosodiphenylamine	10.50	169	2156672	39.478 ng		99
67) 4-Bromophenyl-phenylether	10.87	248	666341	40.347 ng		93
68) Hexachlorobenzene	10.95	284	684404	40.528 ng		95
69) Atrazine	11.03	200	677245	Below Cal		99
70) Pentachlorophenol	11.13	266	643648	57.959 ng		97
71) Phenanthrene	11.35	178	3265703	43.516 ng		100
72) Anthracene	11.40	178	3347058	44.246 ng		99
73) Carbazole	11.55	167	3059215	38.866 ng		99
74) Di-n-butylphthalate	11.89	149	3831922	41.588 ng		100
75) Fluoranthene	12.54	202	3010716	40.998 ng		96
77) Benzidine	12.65	184	499731	15.485 ng		98
78) Pyrene	12.76	202	2939601	46.594 ng		99
80) Butylbenzylphthalate	13.39	149	1369038	44.920 ng		98
81) Benzo(a)anthracene	13.95	228	2053664	43.284 ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	677410	37.833 ng		99
83) Chrysene	13.99	228	1997753	42.414 ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1642242	44.610 ng		100
85) Di-n-octyl phthalate	14.56	149	2800364	48.389 ng		98
86) Indeno(1,2,3-cd)pyrene	16.81	276	2365092	62.539 ng	#	87
88) Benzo(b)fluoranthene	14.98	252	2126568	41.329 ng		97
89) Benzo(k)fluoranthene	15.01	252	1848806	37.167 ng		99
90) Benzo(a)pyrene	15.34	252	1998123	42.336 ng		97
91) Dibenzo(a,h)anthracene	16.83	278	1951381	49.269 ng		99
92) Benzo(g,h,i)perylene	17.24	276	1950531	49.007 ng		99

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

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