Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115741.D
Acq On : 24 Jul 2019 9:24
Operator : HP/JU
Sample : PB121641BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Manual Integrations APPROVED
mohammad
7/25/2019 2:17:20 PM

Quant Time: Jul 24 16:44:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142028	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	568379	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	290656	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	564622	20.00	ng	0.00
76) Chrysene-d12	14.04	240	413994	20.00	ng	0.00
87) Perylene-d12	15.50	264	349226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	714669	82.31	ng	0.00
7) Phenol-d6	6.50	99	914196	82.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	836110	85.54	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	270714	79.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1511091	91.00	ng	0.00
79) Terphenyl-d14	12.98	244	1698848	75.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.75	88	167973	38.782	ng	100
3) Pyridine	3.50	79	410069	34.896	ng	98
4) n-Nitrosodimethylamine	3.45	42	176812	41.476	ng	98
6) Aniline	6.53	93	443957	28.955	ng	98
8) 2-Chlorophenol	6.66	128	408804	40.950	ng	99
9) Benzaldehyde	6.42	77	162776	23.642	ng	97
10) Phenol	6.52	94	529012	41.361	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	385229	39.561	ng	98
12) 1,3-Dichlorobenzene	6.82	146	433429	38.616	ng	99
13) 1,4-Dichlorobenzene	6.89	146	438031	39.114	ng	98
14) 1,2-Dichlorobenzene	7.05	146	405580	39.618	ng	99
15) Benzyl Alcohol	7.02	79	351940	40.267	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	513296	40.039	ng	99
17) 2-Methylphenol	7.13	107	355952	41.374	ng	99
18) Hexachloroethane	7.39	117	159348	38.336	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	278308	38.731	ng	98
20) 3+4-Methylphenols	7.28	107	417881	40.893	ng	92
22) Acetophenone	7.28	105	551129	42.921	ng	96
24) Nitrobenzene	7.45	77	445832	42.287	ng	98
25) Isophorone	7.69	82	810011	41.412	ng	99
26) 2-Nitrophenol	7.77	139	225270	41.511	ng	94
27) 2,4-Dimethylphenol	7.80	122	370768	45.663	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	490073	40.841	ng	99
29) 2,4-Dichlorophenol	8.02	162	359219	42.539	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	380137	39.824	ng	99
31) Naphthalene	8.17	128	1173233	42.622	ng	100
32) Benzoic acid	7.94	122	249858	37.496	ng	98
33) 4-Chloroaniline	8.22	127	336986	27.638	ng	97
34) Hexachlorobutadiene	8.30	225	211919	38.715	ng	98
35) Caprolactam	8.59	113	110969m	42.526	ng	
36) 4-Chloro-3-methylphenol	8.71	107	367832	41.993	ng	97
37) 2-Methylnaphthalene	8.87	142	796549	43.655	ng	99
38) 1-Methylnaphthalene	8.97	142	741054	42.758	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	359963	41.126	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	310230	62.135 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	249956	39.051 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	265148	40.449 ng	97
46) 1,1'-Biphenyl	9.33	154	969748	42.677 ng	99
47) 2-Chloronaphthalene	9.36	162	768899	40.638 ng	99
48) 2-Nitroaniline	9.45	65	239028	40.816 ng	96
49) Acenaphthylene	9.77	152	1170172	41.739 ng	100
50) Dimethylphthalate	9.63	163	886766	40.551 ng	99
51) 2,6-Dinitrotoluene	9.69	165	199794	40.203 ng	89
52) Acenaphthene	9.95	154	711817	39.326 ng	99
53) 3-Nitroaniline	9.86	138	164524	28.970 ng	93
54) 2,4-Dinitrophenol	9.97	184	196590	77.048 ng	99
55) Dibenzofuran	10.12	168	1061217	41.285 ng	98
56) 4-Nitrophenol	10.03	139	319102	73.685 ng	94
57) 2,4-Dinitrotoluene	10.10	165	267794	41.593 ng	90
58) Fluorene	10.46	166	787506	42.856 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	222189	40.548 ng	98
60) Diethylphthalate	10.33	149	856835	41.818 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	405306	39.773 ng	96
62) 4-Nitroaniline	10.47	138	216889	39.814 ng	97
63) Azobenzene	10.61	77	880312	44.295 ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	132845	38.510 ng	91
66) n-Nitrosodiphenylamine	10.57	169	712981	40.595 ng	99
67) 4-Bromophenyl-phenylether	10.94	248	251047	38.908 ng	98
68) Hexachlorobenzene	11.02	284	284248	38.576 ng	96
69) Atrazine	11.09	200	233289	40.489 ng	96
70) Pentachlorophenol	11.20	266	314720	69.833 ng	99
71) Phenanthrene	11.42	178	1200162	41.468 ng	99
72) Anthracene	11.47	178	1228064	41.058 ng	99
73) Carbazole	11.63	167	1103143	42.058 ng	99
74) Di-n-butylphthalate	11.95	149	1348945	41.752 ng	99
75) Fluoranthene	12.61	202	1285214	42.022 ng	97
77) Benzidine	12.72	184	432864	29.515 ng	99
78) Pyrene	12.84	202	1292265	36.843 ng	99
80) Butylbenzylphthalate	13.45	149	595200	39.806 ng	95
81) Benzo(a)anthracene	14.03	228	1111993	40.771 ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	354738	36.587 ng	99
83) Chrysene	14.06	228	1078970	39.408 ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	832274	44.936 ng	99
85) Di-n-octyl phthalate	14.62	149	1369932	46.487 ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	913498	39.272 ng	99
88) Benzo(b)fluoranthene	15.07	252	1066492	47.426 ng	99
89) Benzo(k)fluoranthene	15.11	252	938901	46.831 ng	98
90) Benzo(a)pyrene	15.44	252	923599	47.787 ng	100
91) Dibenzo(a,h)anthracene	17.00	278	767469	45.231 ng	99
92) Benzo(g,h,i)perylene	17.43	276	731603	43.233 ng	99

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

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