Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103800.D
Acq On : 20 Mar 2018 14:26
Operator : JU/SJ
Sample : PB107480BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Manual Integrations APPROVED
Sohil
3/22/2018 12:57:24 PM

Quant Time: Mar 21 12:30:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147953	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	613164	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	290659	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	512502	20.00	ng		0.01
75) Chrysene-d12	14.16	240	382472	20.00	ng		0.01
86) Perylene-d12	15.70	264	356429	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	984507	101.21	ng		0.02
7) Phenol-d6	6.60	99	1163201	97.74	ng		0.01
23) Nitrobenzene-d5	7.53	82	718022	81.66	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	296715	118.73	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1336255	73.33	ng		0.00
78) Terphenyl-d14	13.10	244	1315356	79.83	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	160467	33.502	ng	#	89
3) Pyridine	3.67	79	449390	34.111	ng		88
4) n-Nitrosodimethylamine	3.63	42	170052	35.007	ng	#	79
6) Aniline	6.63	93	308387	18.147	ng		95
8) 2-Chlorophenol	6.76	128	371055	36.414	ng		95
9) Benzaldehyde	6.52	77	114815	14.685	ng		97
10) Phenol	6.61	94	436993	34.556	ng		94
11) bis(2-Chloroethyl)ether	6.70	93	351882	33.707	ng		94
12) 1,3-Dichlorobenzene	6.91	146	390363	33.635	ng		98
13) 1,4-Dichlorobenzene	6.99	146	394678	33.842	ng		99
14) 1,2-Dichlorobenzene	7.15	146	366696	33.884	ng		98
15) Benzyl Alcohol	7.11	79	313951	34.048	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	461764	31.099	ng		94
17) 2-Methylphenol	7.22	107	313206	34.515	ng		97
18) Hexachloroethane	7.48	117	142286	34.685	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	239286	31.374	ng		92
20) 3+4-Methylphenols	7.36	107	383848	33.331	ng		99
22) Acetophenone	7.38	105	486880	30.896	ng	#	93
24) Nitrobenzene	7.55	77	381929	36.999	ng		98
25) Isophorone	7.79	82	695754	34.182	ng		99
26) 2-Nitrophenol	7.87	139	202426	50.845	ng		92
27) 2,4-Dimethylphenol	7.90	122	346373	39.722	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	449832	36.496	ng		99
29) 2,4-Dichlorophenol	8.10	162	309196	38.975	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	315853	34.327	ng		98
31) Naphthalene	8.28	128	1048536	33.852	ng		99
32) Benzoic acid	7.90	122	346373	54.584	ng	#	13
33) 4-Chloroaniline	8.32	127	204233	15.717	ng		97
34) Hexachlorobutadiene	8.39	225	177414	35.167	ng		98
35) Caprolactam	8.69	113	100154m	36.663	ng		
36) 4-Chloro-3-methylphenol	8.80	107	342948	39.213	ng		94
37) 2-Methylnaphthalene	8.97	142	735274	37.433	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	300201	36.203	ng		99
40) Hexachlorocyclopentadiene	9.12	237	363452	84.943	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	222440	41.939	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	238696	39.873	ng		95
45) 1,1'-Biphenyl	9.43	154	852885	35.190	ng		99
46) 2-Chloronaphthalene	9.46	162	686139	35.643	ng		100
47) 2-Nitroaniline	9.55	65	215116	43.467	ng		97
48) Acenaphthylene	9.88	152	985481	33.013	ng		100
49) Dimethylphthalate	9.73	163	780605	35.201	ng		100
50) 2,6-Dinitrotoluene	9.79	165	173109	40.988	ng		96
51) Acenaphthene	10.05	154	591610	33.378	ng		99
52) 3-Nitroaniline	9.96	138	135555	28.085	ng		95
53) 2,4-Dinitrophenol	10.07	184	28931	37.813	ng	#	16
54) Dibenzofuran	10.22	168	877523	34.664	ng		99
55) 4-Nitrophenol	10.12	139	304145	75.229	ng		93
56) 2,4-Dinitrotoluene	10.20	165	231300	43.264	ng		95
57) Fluorene	10.57	166	671087	34.163	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	166995	39.368	ng		94
59) Diethylphthalate	10.43	149	752273	34.179	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	316003	35.200	ng		98
61) 4-Nitroaniline	10.58	138	195416	40.157	ng		96
62) Azobenzene	10.72	77	706386	31.567	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	42422	29.322	ng		91
65) n-Nitrosodiphenylamine	10.67	169	609847	34.959	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	195303	37.115	ng		93
67) Hexachlorobenzene	11.12	284	210215	35.002	ng	#	89
68) Atrazine	11.20	200	195827	36.289	ng		98
69) Pentachlorophenol	11.30	266	157457	45.603	ng		97
70) Phenanthrene	11.53	178	981261	35.001	ng		99
71) Anthracene	11.59	178	1009751	35.462	ng		100
72) Carbazole	11.74	167	939889	33.961	ng		99
73) Di-n-butylphthalate	12.06	149	1209125	36.411	ng		100
74) Fluoranthene	12.73	202	1055038	36.529	ng		99
76) Benzidine	12.84	184	543525	33.319	ng		98
77) Pyrene	12.96	202	1069200	38.065	ng		100
79) Butylbenzylphthalate	13.56	149	493615	39.665	ng		99
80) Benzo(a)anthracene	14.15	228	865353	35.743	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	160642	19.837	ng	#	97
82) Chrysene	14.19	228	845975	36.656	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	688698	38.738	ng		99
84) Di-n-octyl phthalate	14.75	149	1038486	40.151	ng	#	61
85) Indeno(1,2,3-cd)pyrene	17.27	276	731937	36.316	ng		99
87) Benzo(b)fluoranthene	15.24	252	781635	34.711	ng		98
88) Benzo(k)fluoranthene	15.27	252	775985	35.849	ng		99
89) Benzo(a)pyrene	15.64	252	718199	35.164	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	602044	34.042	ng		98
91) Benzo(g,h,i)perylene	17.76	276	582503	33.856	ng		95

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

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