Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093741.D
Acq On : 18 Mar 2017 9:27
Operator : SJ/MA
Sample : PB97670BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 20 01:20:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB97670BS

Manual Integrations APPROVED
mohammad
3/20/2017 12:59:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	188246	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	764660	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	371292	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	619293	20.00	ng		0.00
75) Chrysene-d12	13.99	240	435330	20.00	ng		-0.01
86) Perylene-d12	15.41	264	454054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1316838	116.63	ng		0.01
7) Phenol-d6	6.48	99	1617838	115.61	ng		0.00
23) Nitrobenzene-d5	7.41	82	1044181	81.96	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	357658	147.18	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1813585	92.17	ng		0.00
78) Terphenyl-d14	12.95	244	1447205	71.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	210686	36.14	ng		99
3) Pyridine	3.25	79	611248	38.33	ng		98
4) n-Nitrosodimethylamine	3.18	42	281633	40.36	ng		100
6) Aniline	6.50	93	208024	10.40	ng		99
8) 2-Chlorophenol	6.63	128	509235	40.56	ng		98
9) Benzaldehyde	6.39	77	236642	28.19	ng		91
10) Phenol	6.49	94	696456	42.56	ng		94
11) bis(2-Chloroethyl)ether	6.58	93	516382	40.05	ng		99
12) 1,3-Dichlorobenzene	6.79	146	576065	41.42	ng		98
13) 1,4-Dichlorobenzene	6.87	146	559147	39.26	ng		99
14) 1,2-Dichlorobenzene	7.02	146	512545	38.49	ng		98
15) Benzyl Alcohol	6.98	79	396303	37.83	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	743244	36.56	ng		99
17) 2-Methylphenol	7.11	107	456376	42.00	ng		94
18) Hexachloroethane	7.36	117	199541	39.43	ng	#	76
19) n-Nitroso-di-n-propylamine	7.27	70	381645	41.07	ng		95
20) 3+4-Methylphenols	7.26	107	512730	39.80	ng		99
22) Acetophenone	7.26	105	675833	39.67	ng	#	96
24) Nitrobenzene	7.43	77	596912	43.34	ng		95
25) Isophorone	7.67	82	979050	39.92	ng		98
26) 2-Nitrophenol	7.75	139	277816	53.28	ng		97
27) 2,4-Dimethylphenol	7.78	122	494884	41.47	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	664537	42.93	ng		99
29) 2,4-Dichlorophenol	7.99	162	463665	45.23	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	440112	41.18	ng		97
31) Naphthalene	8.15	128	1469693	39.42	ng		100
32) Benzoic acid	7.91	122	316919	43.35	ng		93
33) 4-Chloroaniline	8.20	127	62073	3.98	ng		94
34) Hexachlorobutadiene	8.29	225	221893	39.65	ng		96
35) Caprolactam	8.56	113	142118m	41.30	ng		
36) 4-Chloro-3-methylphenol	8.69	107	493049	45.68	ng		93
37) 2-Methylnaphthalene	8.85	142	1037918	42.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	375945	43.24	ng		98
40) Hexachlorocyclopentadiene	9.01	237	388233	89.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	308331	48.10	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	279621	42.31	ng		96
45) 1,1'-Biphenyl	9.32	154	1143232	43.91	ng		98
46) 2-Chloronaphthalene	9.33	162	907768	43.45	ng	#	92
47) 2-Nitroaniline	9.42	65	241937	40.03	ng		99
48) Acenaphthylene	9.75	152	1527983	44.85	ng		99
49) Dimethylphthalate	9.61	163	1091212	44.99	ng		100
50) 2,6-Dinitrotoluene	9.67	165	252807	48.26	ng		89
51) Acenaphthene	9.92	154	981239	48.87	ng		100
52) 3-Nitroaniline	9.83	138	57171	9.20	ng		80
53) 2,4-Dinitrophenol	9.93	184	173929	76.71	ng	#	80
54) Dibenzofuran	10.09	168	1325843	48.58	ng		99
55) 4-Nitrophenol	9.99	139	385854	82.29	ng	#	61
56) 2,4-Dinitrotoluene	10.07	165	342817	49.16	ng	#	89
57) Fluorene	10.44	166	958951	43.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	228178	50.20	ng		98
59) Diethylphthalate	10.31	149	1001603	43.39	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	378167	40.54	ng		98
61) 4-Nitroaniline	10.45	138	253310	43.80	ng		98
62) Azobenzene	10.58	77	1139282	48.85	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	129123	39.80	ng		97
65) n-Nitrosodiphenylamine	10.54	169	854751	40.89	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	252850	43.19	ng		97
67) Hexachlorobenzene	10.98	284	263995	43.14	ng		100
68) Atrazine	11.08	200	273082	45.36	ng		99
69) Pentachlorophenol	11.17	266	274700	78.36	ng		99
70) Phenanthrene	11.38	178	1291021	36.87	ng		99
71) Anthracene	11.44	178	1449530	42.31	ng		99
72) Carbazole	11.59	167	1293146	36.06	ng		100
73) Di-n-butylphthalate	11.93	149	1484188	40.48	ng		100
74) Fluoranthene	12.57	202	1436001	42.32	ng		99
76) Benzidine	12.69	184	417576	24.55	ng		95
77) Pyrene	12.80	202	1504180	40.63	ng		100
79) Butylbenzylphthalate	13.43	149	668746	42.52	ng		98
80) Benzo(a)anthracene	13.98	228	1093321	39.13	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	138524	14.13	ng	#	94
82) Chrysene	14.03	228	1133454	41.97	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	759075	43.90	ng		100
84) Di-n-octyl phthalate	14.60	149	1526158	47.87	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	968751	42.36	ng		99
87) Benzo(b)fluoranthene	15.01	252	1138557	39.56	ng		99
88) Benzo(k)fluoranthene	15.03	252	996498m	39.18	ng		
89) Benzo(a)pyrene	15.35	252	1019924	40.10	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	809266	37.60	ng		99
91) Benzo(g,h,i)perylene	17.19	276	798166	36.47	ng		99

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

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