Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085108.D
Acq On : 2 Mar 2016 9:58
Operator : SJ/IZ
Sample : PB88623BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 03 11:14:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88623BS

Manual Integrations APPROVED
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3/3/2016 2:05:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	207957	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	831681	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	413830	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	756422	20.00	ng		0.00
75) Chrysene-d12	14.16	240	593372	20.00	ng		0.00
86) Perylene-d12	15.62	264	490646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1517945	118.50	ng		0.02
7) Phenol-d6	6.62	99	1897593	113.00	ng		0.00
23) Nitrobenzene-d5	7.55	82	1205681	77.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	498442	119.85	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1991657	70.88	ng		-0.01
78) Terphenyl-d14	13.10	244	1823635	72.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	207010	32.61	ng		99
3) Pyridine	3.56	79	540331	33.17	ng		100
4) n-Nitrosodimethylamine	3.52	42	283728	38.27	ng		95
6) Aniline	6.65	93	439623	18.45	ng		97
8) 2-Chlorophenol	6.78	128	614390	41.61	ng		93
9) Benzaldehyde	6.54	77	62313	4.86	ng		87
10) Phenol	6.63	94	855988	45.56	ng		92
11) bis(2-Chloroethyl)ether	6.72	93	528148	35.46	ng		91
12) 1,3-Dichlorobenzene	6.94	146	612940m	38.65	ng		
13) 1,4-Dichlorobenzene	7.00	146	588978	36.44	ng		98
14) 1,2-Dichlorobenzene	7.16	146	600554	42.20	ng		95
15) Benzyl Alcohol	7.13	79	570951	46.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	819493	37.34	ng		100
17) 2-Methylphenol	7.23	107	481203	38.90	ng		99
18) Hexachloroethane	7.51	117	241245	40.38	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	459300	41.50	ng		96
20) 3+4-Methylphenols	7.39	107	652539	44.14	ng	#	77
22) Acetophenone	7.39	105	818052	39.10	ng	#	90
24) Nitrobenzene	7.56	77	636726	39.27	ng		98
25) Isophorone	7.82	82	1204782	40.29	ng		95
26) 2-Nitrophenol	7.88	139	266662	36.78	ng	#	72
27) 2,4-Dimethylphenol	7.92	122	555886	39.55	ng		93
28) bis(2-Chloroethoxy)methane	8.02	93	755855	45.83	ng		99
29) 2,4-Dichlorophenol	8.12	162	470848	40.72	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	525946	41.73	ng		99
31) Naphthalene	8.30	128	1632424	38.81	ng		100
32) Benzoic acid	8.02	122	237123	33.99	ng		99
33) 4-Chloroaniline	8.34	127	179533	10.80	ng	#	91
34) Hexachlorobutadiene	8.41	225	291546	39.87	ng		99
35) Caprolactam	8.71	113	159346m	43.91	ng		
36) 4-Chloro-3-methylphenol	8.82	107	553951	43.33	ng		94
37) 2-Methylnaphthalene	8.99	142	1172805	45.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	440696	34.58	ng		98
40) Hexachlorocyclopentadiene	9.14	237	586666	80.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	355144	41.39	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	331109	40.27	ng		98
45) 1,1'-Biphenyl	9.45	154	1264306	34.42	ng		97
46) 2-Chloronaphthalene	9.47	162	1003757	37.46	ng		94
47) 2-Nitroaniline	9.56	65	295983	35.19	ng	#	71
48) Acenaphthylene	9.90	152	1591770	39.98	ng		99
49) Dimethylphthalate	9.75	163	1155690	37.66	ng		100
50) 2,6-Dinitrotoluene	9.82	165	277075	43.54	ng	#	69
51) Acenaphthene	10.07	154	1090760	43.63	ng		100
52) 3-Nitroaniline	9.98	138	140745	18.62	ng		95
53) 2,4-Dinitrophenol	10.08	184	180932	65.32	ng	#	10
54) Dibenzofuran	10.24	168	1417912	43.69	ng		98
55) 4-Nitrophenol	10.14	139	509359	87.83	ng	#	75
56) 2,4-Dinitrotoluene	10.22	165	381100	44.45	ng		89
57) Fluorene	10.58	166	1091781	42.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	306784	49.25	ng		97
59) Diethylphthalate	10.46	149	1191268	40.51	ng		100
60) 4-Chlorophenyl-phenylether	10.57	204	513941	39.07	ng		97
61) 4-Nitroaniline	10.59	138	258366	36.47	ng		85
62) Azobenzene	10.73	77	1305035	43.92	ng		99
64) 4,6-Dinitro-2-methylphenol	10.62	198	151022	35.44	ng	#	47
65) n-Nitrosodiphenylamine	10.68	169	921319	38.65	ng		98
66) 4-Bromophenyl-phenylether	11.06	248	340622	42.89	ng		93
67) Hexachlorobenzene	11.13	284	392198	43.74	ng	#	91
68) Atrazine	11.21	200	298199	41.00	ng		99
69) Pentachlorophenol	11.32	266	421745	80.16	ng		97
70) Phenanthrene	11.54	178	1560576	41.48	ng		99
71) Anthracene	11.60	178	1662212	39.34	ng		97
72) Carbazole	11.75	167	1593797	43.34	ng		98
73) Di-n-butylphthalate	12.08	149	1799119	41.11	ng		99
74) Fluoranthene	12.73	202	1772446	42.92	ng		97
76) Benzidine	12.85	184	484833	27.03	ng		99
77) Pyrene	12.96	202	1764168	43.55	ng		99
79) Butylbenzylphthalate	13.58	149	731364	42.64	ng		98
80) Benzo(a)anthracene	14.15	228	1469529	42.65	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	197189	18.31	ng	#	96
82) Chrysene	14.18	228	1424179	45.27	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	907187	45.81	ng		99
84) Di-n-octyl phthalate	14.74	149	1439107	48.95	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1072785	40.33	ng		99
87) Benzo(b)fluoranthene	15.20	252	1294116	43.32	ng		99
88) Benzo(k)fluoranthene	15.22	252	1014355m	39.20	ng		
89) Benzo(a)pyrene	15.57	252	1071939	42.66	ng		98
90) Dibenzo(a,h)anthracene	17.13	278	907350	40.09	ng		98
91) Benzo(g,h,i)perylene	17.57	276	885946	38.50	ng		96

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

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