Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090116\
Data File : BF089965.D
Acq On : 1 Sep 2016 12:11
Operator : UM/SJ
Sample : PB93161BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Manual Integrations APPROVED
sohil
9/2/2016 2:08:42 AM

Quant Time: Sep 01 14:05:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	181337	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	684145	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	336064	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	572920	20.00	ng		0.00
75) Chrysene-d12	13.76	240	408444	20.00	ng		0.00
86) Perylene-d12	15.10	264	408730	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1363039	120.31	ng		0.01
7) Phenol-d6	6.28	99	1624476	118.01	ng		0.01
23) Nitrobenzene-d5	7.21	82	1056980	89.60	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	387412	116.85	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1895767	92.60	ng		0.00
78) Terphenyl-d14	12.72	244	1358724	82.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	202170	37.66	ng		97
3) Pyridine	2.80	79	546811	38.18	ng		97
4) n-Nitrosodimethylamine	2.76	42	321778	45.56	ng		95
6) Aniline	6.30	93	478149	25.46	ng	#	53
8) 2-Chlorophenol	6.42	128	538229	43.79	ng		94
9) Benzaldehyde	6.17	77	100383	11.30	ng		87
10) Phenol	6.30	94	555504	34.70	ng		93
11) bis(2-Chloroethyl)ether	6.39	93	543394	44.86	ng		85
12) 1,3-Dichlorobenzene	6.58	146	603869	43.99	ng		100
13) 1,4-Dichlorobenzene	6.65	146	581778	41.42	ng		100
14) 1,2-Dichlorobenzene	6.81	146	574558	45.63	ng		98
15) Benzyl Alcohol	6.79	79	389988	45.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1038138	44.95	ng		98
17) 2-Methylphenol	6.91	107	480807	48.98	ng		98
18) Hexachloroethane	7.15	117	207097	43.05	ng		95
19) n-Nitroso-di-n-propylamine	7.07	70	397150	44.27	ng		98
20) 3+4-Methylphenols	7.06	107	514493	43.24	ng		95
22) Acetophenone	7.05	105	650381	42.38	ng	#	94
24) Nitrobenzene	7.22	77	520052	41.47	ng		96
25) Isophorone	7.47	82	1077812	44.93	ng		100
26) 2-Nitrophenol	7.54	139	278979	46.54	ng		99
27) 2,4-Dimethylphenol	7.60	122	528235	47.63	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	713719	49.33	ng		99
29) 2,4-Dichlorophenol	7.78	162	456108	45.88	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	521724	48.00	ng		99
31) Naphthalene	7.94	128	1450997	42.57	ng		100
32) Benzoic acid	7.71	122	243349	32.58	ng		96
33) 4-Chloroaniline	8.00	127	281435	20.47	ng		95
34) Hexachlorobutadiene	8.07	225	284080	44.60	ng		98
35) Caprolactam	8.36	113	142194	45.31	ng		91
36) 4-Chloro-3-methylphenol	8.49	107	479980	45.59	ng		86
37) 2-Methylnaphthalene	8.64	142	1098552	48.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	375069	38.10	ng		100
40) Hexachlorocyclopentadiene	8.79	237	384782	76.23	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	324082	47.50	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	316040	48.17	ng	#	91
45) 1,1'-Biphenyl	9.10	154	1040131	38.44	ng		99
46) 2-Chloronaphthalene	9.12	162	903846	47.22	ng		99
47) 2-Nitroaniline	9.22	65	313999	50.18	ng	#	60
48) Acenaphthylene	9.53	152	1385621	43.78	ng		100
49) Dimethylphthalate	9.40	163	1093147	45.00	ng		100
50) 2,6-Dinitrotoluene	9.46	165	234772	43.46	ng		96
51) Acenaphthene	9.70	154	950701	47.41	ng		100
52) 3-Nitroaniline	9.62	138	158126	25.66	ng		95
53) 2,4-Dinitrophenol	9.74	184	185741	58.19	ng	#	60
54) Dibenzofuran	9.87	168	1235741	45.99	ng		100
55) 4-Nitrophenol	9.79	139	344012	74.02	ng	#	63
56) 2,4-Dinitrotoluene	9.86	165	305689	44.62	ng		89
57) Fluorene	10.22	166	967343	49.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	260406	46.36	ng		96
59) Diethylphthalate	10.10	149	1020937	44.68	ng		100
60) 4-Chlorophenyl-phenylether	10.22	204	448065	48.49	ng		98
61) 4-Nitroaniline	10.24	138	259353	42.84	ng		98
62) Azobenzene	10.36	77	1062836	46.57	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	126477	34.48	ng		95
65) n-Nitrosodiphenylamine	10.33	169	821907	47.72	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	288558	50.03	ng		98
67) Hexachlorobenzene	10.75	284	291693	44.27	ng		97
68) Atrazine	10.87	200	289340	50.32	ng		91
69) Pentachlorophenol	10.95	266	295293	83.31	ng		98
70) Phenanthrene	11.16	178	1347735	47.24	ng		99
71) Anthracene	11.21	178	1318629	45.57	ng		99
72) Carbazole	11.37	167	1150165	42.39	ng		100
73) Di-n-butylphthalate	11.73	149	1519016	48.03	ng	#	97
74) Fluoranthene	12.34	202	1329535	44.47	ng		98
76) Benzidine	12.47	184	446143	28.83	ng		96
77) Pyrene	12.56	202	1283002	44.55	ng		99
79) Butylbenzylphthalate	13.20	149	552896	47.61	ng		97
80) Benzo(a)anthracene	13.75	228	1174220	46.94	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	319901	35.43	ng		98
82) Chrysene	13.78	228	1086848	46.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	768621	47.85	ng		100
84) Di-n-octyl phthalate	14.38	149	1336055	51.53	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1095989	63.44	ng		99
87) Benzo(b)fluoranthene	14.74	252	1238986m	48.39	ng		
88) Benzo(k)fluoranthene	14.77	252	906210m	41.71	ng		
89) Benzo(a)pyrene	15.05	252	1075342	49.02	ng	#	97
90) Dibenzo(a,h)anthracene	16.35	278	937981	58.35	ng		100
91) Benzo(g,h,i)perylene	16.70	276	901233	55.70	ng	#	93

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

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