Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091325.D
Acq On : 29 Nov 2016 14:19
Operator : UM/SJ
Sample : PB94860BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Manual Integrations APPROVED
sohil
11/30/2016 10:33:27 AM

Quant Time: Nov 29 15:27:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	180027	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	728201	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	425707	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	674307	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	423762	20.00	ng		-0.02
86) Perylene-d12	15.44	264	389313	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1245327	113.00	ng		0.00
7) Phenol-d6	6.50	99	1781612	131.33	ng		0.00
23) Nitrobenzene-d5	7.43	82	1055846	81.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	508182	126.09	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2045993	87.02	ng		0.00
78) Terphenyl-d14	12.97	244	1755341	90.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	183518	36.81	ng		89
3) Pyridine	3.27	79	538116	38.14	ng		85
4) n-Nitrosodimethylamine	3.22	42	315974	42.68	ng		94
6) Aniline	6.53	93	339002	18.81	ng	#	70
8) 2-Chlorophenol	6.65	128	520789	43.10	ng		92
9) Benzaldehyde	6.40	77	24513	2.81	ng		92
10) Phenol	6.52	94	697318	43.69	ng		89
11) bis(2-Chloroethyl)ether	6.61	93	525721	46.09	ng		94
12) 1,3-Dichlorobenzene	6.80	146	520314m	38.71	ng		
13) 1,4-Dichlorobenzene	6.88	146	524531	39.23	ng		97
14) 1,2-Dichlorobenzene	7.04	146	521467	41.88	ng		94
15) Benzyl Alcohol	7.01	79	439489	40.48	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1013763	41.34	ng		71
17) 2-Methylphenol	7.12	107	412106	43.15	ng	#	78
18) Hexachloroethane	7.38	117	202975	42.76	ng		100
19) n-Nitroso-di-n-propylamine	7.28	70	348652	40.79	ng	#	96
20) 3+4-Methylphenols	7.27	107	495960	42.54	ng	#	68
22) Acetophenone	7.28	105	685563	39.72	ng	#	91
24) Nitrobenzene	7.45	77	577965	43.44	ng	#	78
25) Isophorone	7.69	82	1009212	43.84	ng		98
26) 2-Nitrophenol	7.76	139	239904	39.57	ng		98
27) 2,4-Dimethylphenol	7.81	122	490872	43.28	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	601699	43.42	ng		100
29) 2,4-Dichlorophenol	8.01	162	413041	41.40	ng		88
30) 1,2,4-Trichlorobenzene	8.09	180	465310	41.60	ng		98
31) Naphthalene	8.17	128	1410904	40.77	ng		100
32) Benzoic acid	7.93	122	347151	41.52	ng		91
33) 4-Chloroaniline	8.22	127	114368	7.73	ng		98
34) Hexachlorobutadiene	8.30	225	289267	42.06	ng		98
35) Caprolactam	8.58	113	129571m	45.18	ng		
36) 4-Chloro-3-methylphenol	8.71	107	463865	43.06	ng	#	85
37) 2-Methylnaphthalene	8.87	142	995490	42.34	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	402732	33.56	ng		99
40) Hexachlorocyclopentadiene	9.03	237	551205	99.09	ng		97

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	342334	43.89	ng		95
43) 2,4,5-Trichlorophenol	9.19	196	308102	39.42	ng		96
45) 1,1'-Biphenyl	9.33	154	1084454	35.43	ng		98
46) 2-Chloronaphthalene	9.35	162	852833	37.41	ng		98
47) 2-Nitroaniline	9.44	65	285011	34.81	ng	#	75
48) Acenaphthylene	9.77	152	1434713	39.98	ng		99
49) Dimethylphthalate	9.64	163	1063573	41.26	ng		98
50) 2,6-Dinitrotoluene	9.69	165	265390	46.06	ng	#	73
51) Acenaphthene	9.94	154	1061583	43.86	ng		95
52) 3-Nitroaniline	9.85	138	89746	13.46	ng		98
53) 2,4-Dinitrophenol	9.97	184	265844	105.52	ng	#	74
54) Dibenzofuran	10.12	168	1367136	42.18	ng		92
55) 4-Nitrophenol	10.01	139	396491	82.32	ng		95
56) 2,4-Dinitrotoluene	10.09	165	316198	42.31	ng	#	72
57) Fluorene	10.46	166	1017691	40.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	290823	43.57	ng		96
59) Diethylphthalate	10.33	149	980048	38.52	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	449220	36.00	ng	#	88
61) 4-Nitroaniline	10.47	138	217777	34.78	ng		94
62) Azobenzene	10.61	77	1131192	43.57	ng		89
64) 4,6-Dinitro-2-methylphenol	10.50	198	164651	44.32	ng	#	32
65) n-Nitrosodiphenylamine	10.56	169	854267	41.78	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	328886	45.38	ng	#	85
67) Hexachlorobenzene	11.01	284	319745	40.83	ng	#	86
68) Atrazine	11.10	200	298027	45.01	ng		92
69) Pentachlorophenol	11.19	266	361913	78.49	ng		93
70) Phenanthrene	11.41	178	1440630	41.12	ng		99
71) Anthracene	11.46	178	1488588	42.81	ng		99
72) Carbazole	11.61	167	1198679	37.99	ng		98
73) Di-n-butylphthalate	11.96	149	1560795	43.64	ng		99
74) Fluoranthene	12.60	202	1425389	42.95	ng		99
76) Benzidine	12.71	184	245345	19.72	ng		100
77) Pyrene	12.82	202	1479918	46.02	ng		99
79) Butylbenzylphthalate	13.45	149	579854	48.15	ng	#	83
80) Benzo(a)anthracene	14.00	228	1085294	43.79	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	188787	21.62	ng	#	97
82) Chrysene	14.05	228	1114484	45.45	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	738481	48.38	ng	#	94
84) Di-n-octyl phthalate	14.62	149	1093299	47.33	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1099880	48.98	ng		95
87) Benzo(b)fluoranthene	15.04	252	1064306m	43.98	ng		
88) Benzo(k)fluoranthene	15.07	252	751100m	36.91	ng		
89) Benzo(a)pyrene	15.39	252	885824	40.76	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	907694	45.16	ng	#	96
91) Benzo(g,h,i)perylene	17.28	276	960688	46.36	ng		98

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

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