Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091420.D
Acq On : 5 Dec 2016 16:13
Operator : UM/SJ
Sample : PB95045BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Manual Integrations APPROVED
sohil
12/6/2016 3:01:16 PM

Quant Time: Dec 06 00:23:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184837	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	801778	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	454193	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	802448	20.00	ng		0.00
75) Chrysene-d12	14.00	240	470039	20.00	ng		0.00
86) Perylene-d12	15.43	264	465321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1403185	124.02	ng		0.02
7) Phenol-d6	6.49	99	1619536	116.28	ng		0.01
23) Nitrobenzene-d5	7.42	82	1184998	82.83	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	540321	125.66	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	1991181	79.38	ng		0.00
78) Terphenyl-d14	12.96	244	2231798	103.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	171733	33.55	ng	#	84
3) Pyridine	3.25	79	423102	29.21	ng	#	83
4) n-Nitrosodimethylamine	3.20	42	282385	37.15	ng		97
6) Aniline	6.52	93	462877	25.02	ng	#	70
8) 2-Chlorophenol	6.64	128	489615	39.47	ng		98
9) Benzaldehyde	6.39	77	161499	18.03	ng		92
10) Phenol	6.50	94	614988	37.52	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	442918	37.82	ng		92
12) 1,3-Dichlorobenzene	6.79	146	524997	38.04	ng		98
13) 1,4-Dichlorobenzene	6.87	146	568617	41.43	ng		99
14) 1,2-Dichlorobenzene	7.02	146	498424	38.98	ng		99
15) Benzyl Alcohol	7.00	79	494760	44.39	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1020650	40.54	ng		72
17) 2-Methylphenol	7.11	107	433758	44.23	ng	#	75
18) Hexachloroethane	7.36	117	206359	42.34	ng	#	87
19) n-Nitroso-di-n-propylamine	7.27	70	373238	42.53	ng	#	97
20) 3+4-Methylphenols	7.26	107	523532	43.73	ng	#	63
22) Acetophenone	7.26	105	758731	39.93	ng	#	76
24) Nitrobenzene	7.43	77	544721	37.19	ng		94
25) Isophorone	7.68	82	1078407	42.55	ng		99
26) 2-Nitrophenol	7.75	139	274593	41.14	ng		95
27) 2,4-Dimethylphenol	7.80	122	541112	43.33	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	625315	40.99	ng		99
29) 2,4-Dichlorophenol	7.99	162	436424	39.73	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	512426	41.61	ng		97
31) Naphthalene	8.16	128	1571912	41.25	ng		100
32) Benzoic acid	7.93	122	404470	43.94	ng		92
33) 4-Chloroaniline	8.21	127	220701	13.55	ng		96
34) Hexachlorobutadiene	8.28	225	288723	38.12	ng		97
35) Caprolactam	8.58	113	147639m	46.76	ng		
36) 4-Chloro-3-methylphenol	8.70	107	510960	43.08	ng	#	81
37) 2-Methylnaphthalene	8.85	142	996722	38.50	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	513311	40.09	ng		99
40) Hexachlorocyclopentadiene	9.01	237	510267	85.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	371357	44.63	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	330367	39.62	ng	#	87
45) 1,1'-Biphenyl	9.32	154	1324396	40.55	ng		96
46) 2-Chloronaphthalene	9.34	162	972534	39.99	ng		98
47) 2-Nitroaniline	9.43	65	332983	38.12	ng	#	78
48) Acenaphthylene	9.75	152	1413611	36.92	ng		99
49) Dimethylphthalate	9.62	163	1234584	44.89	ng		99
50) 2,6-Dinitrotoluene	9.68	165	292386	47.57	ng	#	60
51) Acenaphthene	9.92	154	1074763	41.62	ng		96
52) 3-Nitroaniline	9.84	138	152265	21.40	ng		95
53) 2,4-Dinitrophenol	9.96	184	284135	105.70	ng	#	70
54) Dibenzofuran	10.09	168	1390445	40.21	ng		99
55) 4-Nitrophenol	10.01	139	455125	88.57	ng	#	83
56) 2,4-Dinitrotoluene	10.08	165	375992	47.15	ng	#	74
57) Fluorene	10.44	166	1001544	37.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	308659	43.34	ng		96
59) Diethylphthalate	10.32	149	1203902	44.35	ng		95
60) 4-Chlorophenyl-phenylether	10.44	204	552585	41.50	ng		98
61) 4-Nitroaniline	10.46	138	240096	35.94	ng		89
62) Azobenzene	10.60	77	1311811	47.36	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	203789	46.10	ng	#	29
65) n-Nitrosodiphenylamine	10.55	169	910581	37.43	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	347405	40.28	ng	#	72
67) Hexachlorobenzene	10.98	284	349483	37.50	ng	#	83
68) Atrazine	11.08	200	327593	41.57	ng		98
69) Pentachlorophenol	11.18	266	398695	72.66	ng		95
70) Phenanthrene	11.40	178	1463584	35.10	ng		99
71) Anthracene	11.45	178	1778572	42.98	ng		99
72) Carbazole	11.60	167	1403143	37.37	ng		99
73) Di-n-butylphthalate	11.94	149	1835383	43.13	ng		99
74) Fluoranthene	12.59	202	1803611	45.67	ng		98
76) Benzidine	12.70	184	490039	35.51	ng		98
77) Pyrene	12.81	202	1786513	50.08	ng		100
79) Butylbenzylphthalate	13.43	149	678450	50.79	ng		91
80) Benzo(a)anthracene	13.99	228	1207622	43.93	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	230304	23.78	ng		99
82) Chrysene	14.04	228	1248390	45.90	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	876399	51.76	ng	#	90
84) Di-n-octyl phthalate	14.61	149	1537300	60.00	ng		96
85) Indeno(1,2,3-cd)pyrene	16.83	276	1156710	46.44	ng		95
87) Benzo(b)fluoranthene	15.02	252	1449305m	50.11	ng		
88) Benzo(k)fluoranthene	15.05	252	814861m	33.50	ng		
89) Benzo(a)pyrene	15.37	252	1069437	41.17	ng	#	95
90) Dibenzo(a,h)anthracene	16.85	278	950887	39.58	ng	#	94
91) Benzo(g,h,i)perylene	17.25	276	965620	38.98	ng		100

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

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