Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090446.D
Acq On : 7 Oct 2016 15:23
Operator : UM/SJ
Sample : PB93839BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Manual Integrations APPROVED
sohil
10/10/2016 6:54:07 PM

Quant Time: Oct 07 16:25:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 13:55:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	230611	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	991375	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	542947	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	871186	20.00	ng		0.00
75) Chrysene-d12	14.18	240	620326	20.00	ng		0.00
86) Perylene-d12	15.68	264	426982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1806366	116.90	ng		0.02
7) Phenol-d6	6.61	99	2215351	109.47	ng		0.00
23) Nitrobenzene-d5	7.55	82	1377739	67.60	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	596958	135.22	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2277417	69.89	ng		0.00
78) Terphenyl-d14	13.13	244	2538193	91.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	223565	29.35	ng	#	89
3) Pyridine	3.51	79	671435	31.61	ng	#	80
4) n-Nitrosodimethylamine	3.46	42	281517	32.12	ng	#	54
6) Aniline	6.65	93	518311	18.54	ng		98
8) 2-Chlorophenol	6.77	128	643973	37.87	ng		99
9) Benzaldehyde	6.53	77	241486	23.61	ng		97
10) Phenol	6.62	94	706082	30.01	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	637119	35.37	ng		90
12) 1,3-Dichlorobenzene	6.93	146	622864	36.75	ng		99
13) 1,4-Dichlorobenzene	7.00	146	608885	35.37	ng		99
14) 1,2-Dichlorobenzene	7.16	146	650491	39.21	ng		99
15) Benzyl Alcohol	7.13	79	617797	40.16	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	909013	29.75	ng		92
17) 2-Methylphenol	7.24	107	574971	41.11	ng		97
18) Hexachloroethane	7.50	117	236868	34.90	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	502116	33.84	ng	#	82
20) 3+4-Methylphenols	7.39	107	668991	36.96	ng		91
22) Acetophenone	7.40	105	889811	37.90	ng	#	87
24) Nitrobenzene	7.57	77	800366	39.56	ng		94
25) Isophorone	7.81	82	1347239	36.16	ng		100
26) 2-Nitrophenol	7.89	139	356358	40.92	ng		97
27) 2,4-Dimethylphenol	7.93	122	670355	39.58	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	779133	35.35	ng	#	96
29) 2,4-Dichlorophenol	8.13	162	534644	41.52	ng		95
30) 1,2,4-Trichlorobenzene	8.21	180	501985	37.83	ng		99
31) Naphthalene	8.30	128	1801053	37.66	ng		97
32) Benzoic acid	8.04	122	421171	35.77	ng		96
33) 4-Chloroaniline	8.34	127	231762	11.72	ng		98
34) Hexachlorobutadiene	8.42	225	268589	36.23	ng		100
35) Caprolactam	8.71	113	207986m	48.04	ng		
36) 4-Chloro-3-methylphenol	8.83	107	646276	40.09	ng		99
37) 2-Methylnaphthalene	8.99	142	1128669	38.99	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	550902	38.48	ng		98
40) Hexachlorocyclopentadiene	9.15	237	456216	58.14	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	379347	38.40	ng		98
43) 2,4,5-Trichlorophenol	9.31	196	369565	39.57	ng		98
45) 1,1'-Biphenyl	9.46	154	1446407	35.95	ng		96
46) 2-Chloronaphthalene	9.48	162	1069909	35.99	ng		98
47) 2-Nitroaniline	9.57	65	392501	33.46	ng		91
48) Acenaphthylene	9.90	152	1817351	37.05	ng		99
49) Dimethylphthalate	9.77	163	1331740	38.30	ng		97
50) 2,6-Dinitrotoluene	9.82	165	314612	40.75	ng	#	59
51) Acenaphthene	10.07	154	1246044	40.74	ng		99
52) 3-Nitroaniline	9.98	138	175356	19.44	ng		96
53) 2,4-Dinitrophenol	10.10	184	284203	82.57	ng	#	76
54) Dibenzofuran	10.25	168	1591125	40.20	ng		94
55) 4-Nitrophenol	10.15	139	638602	80.93	ng	#	58
56) 2,4-Dinitrotoluene	10.22	165	416410	40.53	ng	#	44
57) Fluorene	10.59	166	1257689	37.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	309750	44.41	ng	#	83
59) Diethylphthalate	10.46	149	1434549	39.87	ng		94
60) 4-Chlorophenyl-phenylether	10.58	204	570191	37.70	ng		91
61) 4-Nitroaniline	10.60	138	290188	31.94	ng		94
62) Azobenzene	10.74	77	1587823	38.21	ng		89
64) 4,6-Dinitro-2-methylphenol	10.63	198	199981	35.59	ng	#	51
65) n-Nitrosodiphenylamine	10.70	169	1209118	41.42	ng		98
66) 4-Bromophenyl-phenylether	11.07	248	336789	39.44	ng	#	83
67) Hexachlorobenzene	11.14	284	363422	38.21	ng	#	79
68) Atrazine	11.23	200	370254	51.44	ng		98
69) Pentachlorophenol	11.33	266	458340	80.97	ng		99
70) Phenanthrene	11.56	178	1940774	43.51	ng		97
71) Anthracene	11.61	178	1843091	40.46	ng		99
72) Carbazole	11.75	167	1592760	37.63	ng		98
73) Di-n-butylphthalate	12.09	149	2066787	40.13	ng		98
74) Fluoranthene	12.75	202	1930947	44.13	ng		93
76) Benzidine	12.86	184	652753	40.02	ng		99
77) Pyrene	12.98	202	1839202	44.47	ng		99
79) Butylbenzylphthalate	13.60	149	916040	43.16	ng	#	88
80) Benzo(a)anthracene	14.17	228	1400862	40.25	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	354401	28.09	ng	#	98
82) Chrysene	14.20	228	1187569	37.07	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	1193152	39.55	ng	#	99
84) Di-n-octyl phthalate	14.77	149	1736941	38.84	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	1036792	45.40	ng		94
87) Benzo(b)fluoranthene	15.24	252	1201288	44.17	ng		98
88) Benzo(k)fluoranthene	15.26	252	906563m	35.48	ng		
89) Benzo(a)pyrene	15.61	252	986786	42.09	ng	#	94
90) Dibenzo(a,h)anthracene	17.21	278	882544	44.25	ng	#	96
91) Benzo(g,h,i)perylene	17.64	276	827897	43.26	ng		95

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

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