Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090458.D
Acq On : 7 Oct 2016 21:57
Operator : UM/SJ
Sample : PB93867BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Manual Integrations APPROVED
sohil
10/10/2016 6:53:16 PM

Quant Time: Oct 08 00:36:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	237748	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	1032599	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	525627	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	793155	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	499025	20.00	ng		-0.02
86) Perylene-d12	15.68	264	388660	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1879676	118.00	ng		0.01
7) Phenol-d6	6.63	99	2505677	120.10	ng		0.01
23) Nitrobenzene-d5	7.56	82	1768536	83.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	730369	170.88	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2856295	90.54	ng		-0.01
78) Terphenyl-d14	13.13	244	2350341	105.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	261400	33.29	ng	#	88
3) Pyridine	3.58	79	729210	33.30	ng	#	79
4) n-Nitrosodimethylamine	3.47	42	317346	35.12	ng	#	46
6) Aniline	6.73	93	858648	29.79	ng	#	55
8) 2-Chlorophenol	6.78	128	777960	44.38	ng		90
9) Benzaldehyde	6.53	77	312969	29.68	ng		96
10) Phenol	6.65	94	1094260	45.11	ng		92
11) bis(2-Chloroethyl)ether	6.73	93	858648	46.23	ng		99
12) 1,3-Dichlorobenzene	6.93	146	744019	42.58	ng		97
13) 1,4-Dichlorobenzene	7.01	146	749903	42.25	ng		93
14) 1,2-Dichlorobenzene	7.16	146	693114	40.53	ng		97
15) Benzyl Alcohol	7.14	79	743653	46.89	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1056191	33.53	ng		75
17) 2-Methylphenol	7.25	107	648493	44.98	ng		99
18) Hexachloroethane	7.50	117	263184	37.61	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	639364	41.79	ng	#	79
20) 3+4-Methylphenols	7.40	107	763662	40.92	ng	#	68
22) Acetophenone	7.40	105	1011508	41.36	ng		95
24) Nitrobenzene	7.57	77	778964	36.96	ng		98
25) Isophorone	7.81	82	1494212	38.50	ng		97
26) 2-Nitrophenol	7.89	139	397498	43.82	ng	#	85
27) 2,4-Dimethylphenol	7.94	122	767549	43.51	ng		99
28) bis(2-Chloroethoxy)methane	8.03	93	972839	42.38	ng		99
29) 2,4-Dichlorophenol	8.14	162	615826	45.92	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	642758	46.50	ng		96
31) Naphthalene	8.30	128	2136392	42.88	ng		99
32) Benzoic acid	8.06	122	503986	41.10	ng		97
33) 4-Chloroaniline	8.38	127	156199	7.59	ng	#	87
34) Hexachlorobutadiene	8.42	225	311430	40.33	ng		99
35) Caprolactam	8.73	113	176188	39.07	ng	#	87
36) 4-Chloro-3-methylphenol	8.84	107	684710	40.77	ng		98
37) 2-Methylnaphthalene	9.00	142	1369734m	45.42	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	578268	41.73	ng	#	98
40) Hexachlorocyclopentadiene	9.15	237	337752	44.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	422260	44.16	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	423931	46.88	ng		98
45) 1,1'-Biphenyl	9.46	154	1510647	38.79	ng		94
46) 2-Chloronaphthalene	9.49	162	1330641	46.24	ng		92
47) 2-Nitroaniline	9.58	65	518026	45.62	ng		95
48) Acenaphthylene	9.90	152	1864943	39.28	ng		100
49) Dimethylphthalate	9.77	163	1614746	47.97	ng		99
50) 2,6-Dinitrotoluene	9.82	165	354730	47.46	ng	#	83
51) Acenaphthene	10.07	154	1266849	42.79	ng		97
52) 3-Nitroaniline	9.98	138	126350	14.47	ng		82
53) 2,4-Dinitrophenol	10.10	184	263308	79.02	ng		95
54) Dibenzofuran	10.25	168	1612143	42.07	ng		93
55) 4-Nitrophenol	10.17	139	674287	88.27	ng	#	77
56) 2,4-Dinitrotoluene	10.22	165	407817	41.00	ng	#	29
57) Fluorene	10.59	166	1275174	39.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	359889	53.29	ng		92
59) Diethylphthalate	10.46	149	1449859	41.63	ng		94
60) 4-Chlorophenyl-phenylether	10.59	204	649571	44.36	ng	#	78
61) 4-Nitroaniline	10.61	138	292774	33.28	ng		88
62) Azobenzene	10.74	77	1672072	41.56	ng		88
64) 4,6-Dinitro-2-methylphenol	10.63	198	173600	34.19	ng	#	65
65) n-Nitrosodiphenylamine	10.70	169	1216309	45.76	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	374603	48.18	ng	#	78
67) Hexachlorobenzene	11.14	284	400355	46.24	ng	#	73
68) Atrazine	11.23	200	293803	44.83	ng		98
69) Pentachlorophenol	11.34	266	491378	95.34	ng		97
70) Phenanthrene	11.56	178	2010402	49.50	ng		98
71) Anthracene	11.61	178	1731774	41.75	ng		99
72) Carbazole	11.77	167	1673780	43.44	ng		96
73) Di-n-butylphthalate	12.10	149	2209612	47.12	ng	#	96
74) Fluoranthene	12.75	202	1653739	41.51	ng		95
76) Benzidine	12.86	184	208546	15.89	ng		99
77) Pyrene	12.98	202	1583507	47.59	ng		99
79) Butylbenzylphthalate	13.60	149	783379	45.88	ng	#	85
80) Benzo(a)anthracene	14.17	228	1251457	44.70	ng		98
81) 3,3'-Dichlorobenzidine	14.13	252	233671	23.02	ng	#	98
82) Chrysene	14.20	228	1067630	41.43	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	1038611	42.80	ng	#	98
84) Di-n-octyl phthalate	14.77	149	1543497	42.90	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	971861	52.90	ng		94
87) Benzo(b)fluoranthene	15.24	252	1147966	46.37	ng	#	98
88) Benzo(k)fluoranthene	15.26	252	982097m	42.23	ng		
89) Benzo(a)pyrene	15.62	252	1016076	47.62	ng		98
90) Dibenzo(a,h)anthracene	17.21	278	842197	46.39	ng	#	95
91) Benzo(g,h,i)perylene	17.64	276	752898	43.22	ng		95

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

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