Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090815.D
Acq On : 25 Oct 2016 18:51
Operator : UM/SJ
Sample : PB94297BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94297BS

Manual Integrations APPROVED
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10/26/2016 4:45:43 PM

Quant Time: Oct 25 19:21:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	196278	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	841607	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	477025	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	736318	20.00	ng		0.01
75) Chrysene-d12	13.97	240	493253	20.00	ng		0.01
86) Perylene-d12	15.38	264	397929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1711065	140.59	ng		0.02
7) Phenol-d6	6.45	99	2175145	131.95	ng		0.01
23) Nitrobenzene-d5	7.37	82	1482016	96.58	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	675761	178.98	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2607436	84.85	ng		0.00
78) Terphenyl-d14	12.92	244	2606468	121.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	250320	35.55	ng	#	76
3) Pyridine	3.14	79	584504	35.42	ng	#	70
4) n-Nitrosodimethylamine	3.09	42	211338	37.43	ng	#	58
6) Aniline	6.48	93	457770	24.49	ng	#	84
8) 2-Chlorophenol	6.59	128	696646	47.68	ng		95
9) Benzaldehyde	6.34	77	112196	12.45	ng	#	67
10) Phenol	6.46	94	880141	47.50	ng	#	64
11) bis(2-Chloroethyl)ether	6.54	93	708241	45.49	ng		90
12) 1,3-Dichlorobenzene	6.74	146	681197	46.42	ng	#	92
13) 1,4-Dichlorobenzene	6.82	146	738283	47.43	ng	#	93
14) 1,2-Dichlorobenzene	6.97	146	621231m	40.77	ng		
15) Benzyl Alcohol	6.96	79	495160	44.22	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.08	45	712846	30.57	ng		52
17) 2-Methylphenol	7.07	107	539853	49.04	ng	#	83
18) Hexachloroethane	7.31	117	267258	42.29	ng		89
19) n-Nitroso-di-n-propylamine	7.23	70	457637	37.28	ng	#	70
20) 3+4-Methylphenols	7.23	107	641465	49.16	ng	#	85
22) Acetophenone	7.22	105	868913	46.33	ng	#	86
24) Nitrobenzene	7.39	77	705795	42.43	ng	#	71
25) Isophorone	7.63	82	1254685	43.19	ng	#	91
26) 2-Nitrophenol	7.71	139	393339	57.88	ng	#	83
27) 2,4-Dimethylphenol	7.76	122	622419	51.65	ng	#	84
28) bis(2-Chloroethoxy)methane	7.85	93	816761	51.40	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	544813	55.09	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	601998	51.73	ng		97
31) Naphthalene	8.11	128	1856686	45.10	ng		96
32) Benzoic acid	7.90	122	344863	41.76	ng	#	68
33) 4-Chloroaniline	8.17	127	171134	11.21	ng	#	95
34) Hexachlorobutadiene	8.24	225	340264	52.00	ng		100
35) Caprolactam	8.54	113	197793m	70.03	ng		
36) 4-Chloro-3-methylphenol	8.66	107	575407	50.03	ng		87
37) 2-Methylnaphthalene	8.81	142	1279376	53.17	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	578991	44.95	ng		99
40) Hexachlorocyclopentadiene	8.96	237	621104	102.71	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	395035	49.45	ng		96
43) 2,4,5-Trichlorophenol	9.14	196	458465	56.56	ng		95
45) 1,1'-Biphenyl	9.28	154	1584523	42.30	ng		94
46) 2-Chloronaphthalene	9.30	162	1313950	47.19	ng		97
47) 2-Nitroaniline	9.39	65	395996	42.85	ng	#	70
48) Acenaphthylene	9.71	152	1941562	45.70	ng		94
49) Dimethylphthalate	9.58	163	1502657	50.13	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	364260	56.51	ng		92
51) Acenaphthene	9.88	154	1198591	42.50	ng		88
52) 3-Nitroaniline	9.80	138	156125	21.07	ng	#	52
53) 2,4-Dinitrophenol	9.92	184	329824	85.99	ng	#	81
54) Dibenzofuran	10.05	168	1674665	49.02	ng	#	84
55) 4-Nitrophenol	9.98	139	496893	106.99	ng	#	63
56) 2,4-Dinitrotoluene	10.04	165	415844	52.78	ng	#	75
57) Fluorene	10.40	166	1372398	48.47	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.18	232	365938	57.52	ng		98
59) Diethylphthalate	10.28	149	1580005	50.82	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	607206	46.93	ng	#	83
61) 4-Nitroaniline	10.43	138	337495	44.97	ng	#	59
62) Azobenzene	10.54	77	1566642	43.03	ng		85
64) 4,6-Dinitro-2-methylphenol	10.45	198	226007	48.08	ng	#	80
65) n-Nitrosodiphenylamine	10.51	169	1158035	49.09	ng		89
66) 4-Bromophenyl-phenylether	10.88	248	396423	55.54	ng		96
67) Hexachlorobenzene	10.94	284	503125	59.73	ng	#	83
68) Atrazine	11.05	200	418925	64.34	ng		86
69) Pentachlorophenol	11.14	266	473438	86.38	ng		99
70) Phenanthrene	11.36	178	1939431m	51.68	ng		
71) Anthracene	11.40	178	2018200	48.49	ng		96
72) Carbazole	11.56	167	1694472	48.69	ng	#	93
73) Di-n-butylphthalate	11.89	149	2236922	49.56	ng	#	97
74) Fluoranthene	12.54	202	1933275	53.25	ng		89
76) Benzidine	12.67	184	335491	30.63	ng		99
77) Pyrene	12.77	202	1876579	54.47	ng		95
79) Butylbenzylphthalate	13.39	149	877216	55.40	ng	#	78
80) Benzo(a)anthracene	13.96	228	1353468	50.14	ng		96
81) 3,3'-Dichlorobenzidine	13.93	252	267465	28.59	ng	#	91
82) Chrysene	14.00	228	1433662m	54.42	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	1267013	55.92	ng		98
84) Di-n-octyl phthalate	14.57	149	1844875	53.65	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.76	276	1220257	53.09	ng	#	92
87) Benzo(b)fluoranthene	14.98	252	1523913m	62.28	ng		
88) Benzo(k)fluoranthene	15.01	252	952019m	38.72	ng		
89) Benzo(a)pyrene	15.33	252	1162356	50.63	ng	#	84
90) Dibenzo(a,h)anthracene	16.77	278	1040229	47.19	ng	#	84
91) Benzo(g,h,i)perylene	17.17	276	992967	46.44	ng	#	79

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

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