Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086530.D
Acq On : 30 Apr 2016 18:17
Operator : UM/SJ
Sample : PB90183BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90183BS

Manual Integrations APPROVED
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5/2/2016 7:53:32 PM

Quant Time: May 01 04:20:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135110	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	594565	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	284499	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	571377	20.00	ng		0.00
75) Chrysene-d12	13.92	240	418721	20.00	ng		0.00
86) Perylene-d12	15.31	264	345373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1021490	130.41	ng		0.01
7) Phenol-d6	6.41	99	1360069	124.41	ng		0.00
23) Nitrobenzene-d5	7.33	82	854700	77.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	384481	128.15	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1461940	91.37	ng		0.00
78) Terphenyl-d14	12.88	244	1508074	79.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	133917	32.55	ng	#	78
3) Pyridine	3.06	79	368728	37.86	ng	#	76
4) n-Nitrosodimethylamine	3.00	42	243381	43.85	ng	#	61
6) Aniline	6.43	93	277334	20.96	ng	#	61
8) 2-Chlorophenol	6.56	128	392546	40.24	ng		96
9) Benzaldehyde	6.30	77	47864	7.53	ng		96
10) Phenol	6.42	94	431551	35.38	ng	#	66
11) bis(2-Chloroethyl)ether	6.51	93	428083	40.60	ng		93
12) 1,3-Dichlorobenzene	6.70	146	386785	36.86	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	419864	38.78	ng		95
14) 1,2-Dichlorobenzene	6.93	146	373546	37.62	ng		95
15) Benzyl Alcohol	6.92	79	317642	45.93	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	811824	38.46	ng		90
17) 2-Methylphenol	7.04	107	346704	43.97	ng		94
18) Hexachloroethane	7.28	117	148794	36.77	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	289523	40.07	ng	#	70
20) 3+4-Methylphenols	7.18	107	388030	43.10	ng	#	89
22) Acetophenone	7.18	105	539157	41.36	ng	#	91
24) Nitrobenzene	7.36	77	458357	40.39	ng		95
25) Isophorone	7.60	82	813557	38.32	ng		98
26) 2-Nitrophenol	7.68	139	212062	40.59	ng		97
27) 2,4-Dimethylphenol	7.72	122	384467	41.94	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	492413	42.58	ng		98
29) 2,4-Dichlorophenol	7.92	162	342155	44.24	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	337508	37.62	ng		96
31) Naphthalene	8.08	128	1157791	38.27	ng		99
32) Benzoic acid	7.85	122	179442	35.19	ng		86
33) 4-Chloroaniline	8.13	127	114652	10.12	ng		99
34) Hexachlorobutadiene	8.20	225	183322	36.45	ng		98
35) Caprolactam	8.50	113	113675m	44.06	ng		
36) 4-Chloro-3-methylphenol	8.62	107	390918	44.14	ng		97
37) 2-Methylnaphthalene	8.77	142	755629	42.33	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	299628	36.79	ng		98
40) Hexachlorocyclopentadiene	8.92	237	313683	77.51	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	219241	42.59	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	232388	41.42	ng	#	92
45) 1,1'-Biphenyl	9.23	154	880209	37.01	ng		96
46) 2-Chloronaphthalene	9.25	162	682495	37.75	ng		94
47) 2-Nitroaniline	9.36	65	278009	47.95	ng		93
48) Acenaphthylene	9.66	152	1074842	38.03	ng		98
49) Dimethylphthalate	9.54	163	870934	40.66	ng		100
50) 2,6-Dinitrotoluene	9.60	165	181793	41.09	ng	#	86
51) Acenaphthene	9.84	154	766800	42.24	ng		98
52) 3-Nitroaniline	9.77	138	79726	15.84	ng		97
53) 2,4-Dinitrophenol	9.87	184	180127	74.99	ng	#	75
54) Dibenzofuran	10.02	168	978271	43.12	ng		94
55) 4-Nitrophenol	9.94	139	298035	90.45	ng	#	74
56) 2,4-Dinitrotoluene	10.00	165	247236	43.83	ng	#	83
57) Fluorene	10.35	166	715781	36.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	202076	46.07	ng		98
59) Diethylphthalate	10.24	149	812578	40.08	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	358947	40.13	ng	#	85
61) 4-Nitroaniline	10.38	138	205685	41.81	ng		92
62) Azobenzene	10.51	77	1007602	45.37	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	135243	40.32	ng	#	73
65) n-Nitrosodiphenylamine	10.46	169	676146	37.86	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	213276	36.22	ng	#	78
67) Hexachlorobenzene	10.90	284	247816	36.36	ng	#	79
68) Atrazine	11.00	200	247618	46.18	ng		95
69) Pentachlorophenol	11.09	266	257379	71.63	ng		99
70) Phenanthrene	11.31	178	1115263	37.19	ng		99
71) Anthracene	11.37	178	1304414	40.76	ng		100
72) Carbazole	11.52	167	1108394	39.08	ng		99
73) Di-n-butylphthalate	11.86	149	1335153	41.55	ng		99
74) Fluoranthene	12.50	202	1247772	41.22	ng		92
76) Benzidine	12.62	184	349888	24.32	ng		95
77) Pyrene	12.72	202	1202012	39.84	ng		100
79) Butylbenzylphthalate	13.34	149	515470	39.45	ng	#	72
80) Benzo(a)anthracene	13.91	228	917041	41.08	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	156118	10.46	ng		98
82) Chrysene	13.94	228	956983	39.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	567651	35.00	ng	#	95
84) Di-n-octyl phthalate	14.52	149	989279	38.95	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.65	276	842812	46.87	ng		97
87) Benzo(b)fluoranthene	14.92	252	876186m	43.12	ng		
88) Benzo(k)fluoranthene	14.95	252	778880m	36.75	ng		
89) Benzo(a)pyrene	15.25	252	776173	40.46	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	700368	44.61	ng		99
91) Benzo(g,h,i)perylene	17.05	276	711089	45.20	ng		96

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

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