Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081982.D
Acq On : 2 Oct 2015 15:26
Operator : UM/IZ
Sample : PB85878BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85878BS

Manual Integrations APPROVED
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10/5/2015 6:28:29 PM

Quant Time: Oct 05 15:05:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91495	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	349626	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	165749	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	319128	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	304542	20.00	ng		-0.03
86) Perylene-d12	15.53	264	250218	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	637226	126.43	ng		-0.03
7) Phenol-d6	6.51	99	790020	124.57	ng		-0.05
23) Nitrobenzene-d5	7.45	82	494458	94.27	ng		-0.05
41) 2,4,6-Tribromophenol	10.73	330	223301	133.03	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1008094	107.12	ng		-0.05
78) Terphenyl-d14	13.02	244	982603	115.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	81585	37.22	ng		83
3) Pyridine	3.26	79	234592	41.11	ng		88
4) n-Nitrosodimethylamine	3.22	42	93048	35.90	ng		95
6) Aniline	6.55	93	265404	31.15	ng	#	86
8) 2-Chlorophenol	6.67	128	247599	44.49	ng		98
9) Benzaldehyde	6.43	77	47928	11.54	ng	#	78
10) Phenol	6.53	94	272488	38.30	ng	#	57
11) bis(2-Chloroethyl)ether	6.63	93	268782	48.72	ng		93
12) 1,3-Dichlorobenzene	6.82	146	268910m	40.90	ng		
13) 1,4-Dichlorobenzene	6.90	146	289977m	42.24	ng		
14) 1,2-Dichlorobenzene	7.06	146	263456	43.07	ng		99
15) Benzyl Alcohol	7.03	79	177953	38.87	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.17	45	332513	42.63	ng		80
17) 2-Methylphenol	7.14	107	195295	43.28	ng	#	87
18) Hexachloroethane	7.39	117	92851	43.20	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	164675	42.72	ng	#	77
20) 3+4-Methylphenols	7.29	107	230989	40.53	ng	#	70
22) Acetophenone	7.30	105	326794	45.72	ng	#	81
24) Nitrobenzene	7.47	77	247224	43.41	ng	#	70
25) Isophorone	7.71	82	457714	44.03	ng	#	93
26) 2-Nitrophenol	7.79	139	134136	49.07	ng	#	79
27) 2,4-Dimethylphenol	7.83	122	225071	46.80	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	280223	45.39	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	221198	47.43	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	236156	45.36	ng		98
31) Naphthalene	8.19	128	687837	44.40	ng		98
32) Benzoic acid	7.93	122	85176	32.42	ng	#	72
33) 4-Chloroaniline	8.25	127	153983	22.99	ng	#	93
34) Hexachlorobutadiene	8.31	225	135787	44.10	ng		98
35) Caprolactam	8.62	113	59663	46.21	ng	#	77
36) 4-Chloro-3-methylphenol	8.73	107	220916	48.45	ng		88
37) 2-Methylnaphthalene	8.89	142	486679	46.02	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	226772	44.56	ng		99
40) Hexachlorocyclopentadiene	9.04	237	273698	104.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	146123	41.89	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	177978	49.61	ng		97
45) 1,1'-Biphenyl	9.36	154	607596	47.52	ng		94
46) 2-Chloronaphthalene	9.38	162	480730	47.88	ng		96
47) 2-Nitroaniline	9.49	65	136247	46.22	ng		89
48) Acenaphthylene	9.79	152	700935	43.62	ng		96
49) Dimethylphthalate	9.66	163	508412	44.44	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	121868	49.06	ng	#	78
51) Acenaphthene	9.97	154	455031	47.68	ng		89
52) 3-Nitroaniline	9.90	138	87155	30.33	ng	#	73
53) 2,4-Dinitrophenol	10.00	184	87699	75.46	ng	#	55
54) Dibenzofuran	10.15	168	647001	47.97	ng		94
55) 4-Nitrophenol	10.06	139	175747	84.64	ng	#	51
56) 2,4-Dinitrotoluene	10.13	165	150171	47.42	ng	#	71
57) Fluorene	10.49	166	505823	52.81	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	151070	53.09	ng	#	90
59) Diethylphthalate	10.37	149	523079	48.95	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	239760	48.56	ng		91
61) 4-Nitroaniline	10.51	138	128358	44.55	ng	#	50
62) Azobenzene	10.64	77	504994	48.42	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	70651	48.63	ng		80
65) n-Nitrosodiphenylamine	10.61	169	454467	47.07	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	157131	48.83	ng		97
67) Hexachlorobenzene	11.03	284	152605	42.02	ng	#	85
68) Atrazine	11.13	200	143372	47.86	ng		85
69) Pentachlorophenol	11.23	266	173476	83.84	ng		99
70) Phenanthrene	11.45	178	747822	48.84	ng		96
71) Anthracene	11.51	178	830022	51.17	ng		97
72) Carbazole	11.67	167	723877	49.31	ng		97
73) Di-n-butylphthalate	11.99	149	728411	48.83	ng	#	98
74) Fluoranthene	12.64	202	807809	47.25	ng		91
76) Benzidine	12.78	184	350238	38.17	ng		98
77) Pyrene	12.87	202	811557	44.61	ng		96
79) Butylbenzylphthalate	13.50	149	337406	49.29	ng		97
80) Benzo(a)anthracene	14.07	228	739765	45.11	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	188266	33.99	ng	#	94
82) Chrysene	14.10	228	779522	49.57	ng		94
83) Bis(2-ethylhexyl)phthalate	14.06	149	438644	51.08	ng	#	95
84) Di-n-octyl phthalate	14.68	149	753269	53.90	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.98	276	584224	45.54	ng	#	88
87) Benzo(b)fluoranthene	15.11	252	634009m	44.38	ng		
88) Benzo(k)fluoranthene	15.14	252	734590m	56.10	ng		
89) Benzo(a)pyrene	15.48	252	641237	51.75	ng	#	86
90) Dibenzo(a,h)anthracene	17.01	278	485445	46.69	ng	#	80
91) Benzo(g,h,i)perylene	17.43	276	480271	45.08	ng	#	74

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

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