Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082028.D
Acq On : 3 Oct 2015 18:27
Operator : UM/IZ
Sample : G3827-04MSD
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-37-38MSD

Manual Integrations APPROVED
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10/5/2015 6:27:40 PM

Quant Time: Oct 05 17:37:39 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	94581	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	386276	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	190159	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	398655	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	338671	20.00	ng		-0.03
86) Perylene-d12	15.53	264	275556	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	683751	131.23	ng		-0.03
7) Phenol-d6	6.53	99	885875	135.12	ng		-0.03
23) Nitrobenzene-d5	7.46	82	542062	93.54	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	252310	131.01	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	998643	88.61	ng		-0.05
78) Terphenyl-d14	13.02	244	1022710	103.75	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	78656	34.71	ng		88
3) Pyridine	3.25	79	224555	38.07	ng		85
4) n-Nitrosodimethylamine	3.20	42	98975	36.94	ng		96
6) Aniline	6.55	93	201008	22.82	ng	#	86
8) 2-Chlorophenol	6.67	128	256687	44.61	ng		97
9) Benzaldehyde	6.43	77	53318	12.42	ng	#	81
10) Phenol	6.54	94	303887	41.32	ng		80
11) bis(2-Chloroethyl)ether	6.63	93	265973	46.63	ng		93
12) 1,3-Dichlorobenzene	6.82	146	263682m	38.80	ng		
13) 1,4-Dichlorobenzene	6.90	146	291337m	41.05	ng		
14) 1,2-Dichlorobenzene	7.06	146	264379	41.81	ng		98
15) Benzyl Alcohol	7.03	79	186060	39.31	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	341089	42.30	ng		83
17) 2-Methylphenol	7.14	107	213843	45.84	ng	#	86
18) Hexachloroethane	7.39	117	89938	40.48	ng		90
19) n-Nitroso-di-n-propylamine	7.30	70	164314	41.24	ng	#	78
20) 3+4-Methylphenols	7.29	107	257966	43.78	ng	#	67
22) Acetophenone	7.30	105	347103	43.95	ng	#	82
24) Nitrobenzene	7.47	77	259188	41.19	ng	#	68
25) Isophorone	7.71	82	487554	42.45	ng	#	92
26) 2-Nitrophenol	7.79	139	144143	47.72	ng	#	84
27) 2,4-Dimethylphenol	7.83	122	258274	48.61	ng	#	83
28) bis(2-Chloroethoxy)methane	7.93	93	296515	43.47	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	239402	46.47	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	243737	42.37	ng		97
31) Naphthalene	8.19	128	708692m	41.41	ng		
33) 4-Chloroaniline	8.25	127	127293	17.20	ng	#	96
34) Hexachlorobutadiene	8.31	225	138634	40.75	ng		97
35) Caprolactam	8.63	113	59416m	41.66	ng		
36) 4-Chloro-3-methylphenol	8.73	107	244253	48.48	ng		85
37) 2-Methylnaphthalene	8.89	142	515191	44.10	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	239547	41.03	ng		99
40) Hexachlorocyclopentadiene	9.04	237	222622	74.05	ng		96
42) 2,4,6-Trichlorophenol	9.17	196	164708	41.15	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	193454	47.00	ng		97
45) 1,1'-Biphenyl	9.36	154	639573	43.60	ng		94
46) 2-Chloronaphthalene	9.38	162	516040	44.80	ng		97
47) 2-Nitroaniline	9.49	65	155461	45.97	ng		93
48) Acenaphthylene	9.79	152	742513	40.27	ng		96
49) Dimethylphthalate	9.67	163	909566	69.30	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	132430	46.47	ng	#	70
51) Acenaphthene	9.97	154	440458	40.23	ng		89
52) 3-Nitroaniline	9.90	138	107423	32.58	ng	#	78
53) 2,4-Dinitrophenol	10.00	184	10490	15.73	ng	#	12
54) Dibenzofuran	10.14	168	679931	43.94	ng	#	85
55) 4-Nitrophenol	10.06	139	186368	78.23	ng	#	48
56) 2,4-Dinitrotoluene	10.13	165	169545	46.67	ng	#	74
57) Fluorene	10.49	166	546969	49.65	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	158647m	48.59	ng		
59) Diethylphthalate	10.37	149	574872	46.89	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	265504	46.87	ng		94
61) 4-Nitroaniline	10.51	138	139536	42.21	ng	#	48
62) Azobenzene	10.64	77	568321	47.50	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	52480	31.68	ng		83
65) n-Nitrosodiphenylamine	10.61	169	516046	42.78	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	174574	43.43	ng		94
67) Hexachlorobenzene	11.03	284	164411	36.24	ng	#	85
68) Atrazine	11.13	200	163707	43.74	ng		83
69) Pentachlorophenol	11.23	266	179178	69.32	ng		97
70) Phenanthrene	11.45	178	807725	41.99	ng		96
71) Anthracene	11.51	178	898047	44.32	ng		98
72) Carbazole	11.66	167	786907	42.91	ng		95
73) Di-n-butylphthalate	11.99	149	844160	45.20	ng	#	98
74) Fluoranthene	12.64	202	860095	40.27	ng		91
76) Benzidine	12.78	184	300880	29.49	ng		97
77) Pyrene	12.87	202	863607	42.68	ng		96
79) Butylbenzylphthalate	13.50	149	386074	50.71	ng		94
80) Benzo(a)anthracene	14.07	228	722303	39.61	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	194934	31.65	ng	#	94
82) Chrysene	14.10	228	745907	49.27	ng		93
83) Bis(2-ethylhexyl)phthalate	14.06	149	508414	53.24	ng	#	94
84) Di-n-octyl phthalate	14.68	149	832979	53.60	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.00	276	680873	47.73	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	779044m	49.52	ng		
88) Benzo(k)fluoranthene	15.14	252	496366m	34.42	ng		
89) Benzo(a)pyrene	15.48	252	618102	45.29	ng	#	87
90) Dibenzo(a,h)anthracene	17.02	278	571439	49.91	ng	#	80
91) Benzo(g,h,i)perylene	17.44	276	561435	47.85	ng	#	75

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

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