Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079438.D
Acq On : 22 May 2015 17:37
Operator : TP/IZ
Sample : PB83558BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83558BS

Manual Integrations APPROVED
apatel
5/27/2015 8:15:43 AM

Quant Time: May 22 23:45:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 22:53:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	66919	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	279293	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	138979	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	267260	20.00	ng		0.00
75) Chrysene-d12	15.93	240	247343	20.00	ng		-0.03
86) Perylene-d12	17.75	264	248760	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	392275m	100.91	ng		0.01
7) Phenol-d6	6.63	99	497064	96.73	ng		0.00
23) Nitrobenzene-d5	7.75	82	481847	99.15	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	150731	100.25	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	962893	96.53	ng		0.00
78) Terphenyl-d14	14.63	244	1077403	104.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	66164m	39.14	ng		
3) Pyridine	2.59	79	192122m	38.84	ng		
4) n-Nitrosodimethylamine	2.51	42	91493m	43.17	ng		
6) Aniline	6.64	93	176234m	24.30	ng		
8) 2-Chlorophenol	6.79	128	204047	46.28	ng	#	82
9) Benzaldehyde	6.50	77	34046m	9.83	ng		
10) Phenol	6.65	94	258631	43.39	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	188035	43.03	ng		87
12) 1,3-Dichlorobenzene	6.97	146	213772	43.13	ng	#	94
13) 1,4-Dichlorobenzene	7.07	146	219460	43.03	ng		99
14) 1,2-Dichlorobenzene	7.26	146	208384	43.89	ng		97
15) Benzyl Alcohol	7.24	79	173557m	45.50	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	272126	40.70	ng		95
17) 2-Methylphenol	7.39	107	160784	45.31	ng		95
18) Hexachloroethane	7.67	117	76019	43.27	ng		93
19) n-Nitroso-di-n-propylamine	7.58	70	141155	40.67	ng		98
20) 3+4-Methylphenols	7.60	107	221790	46.91	ng	#	42
22) Acetophenone	7.56	105	278674	44.16	ng	#	89
24) Nitrobenzene	7.77	77	207160	43.01	ng		91
25) Isophorone	8.08	82	381328	42.33	ng		98
26) 2-Nitrophenol	8.17	139	96514	48.41	ng		91
27) 2,4-Dimethylphenol	8.24	122	188260	47.19	ng		96
28) bis(2-Chloroethoxy)methane	8.35	93	240457	43.29	ng		98
29) 2,4-Dichlorophenol	8.47	162	180233	50.80	ng		95
30) 1,2,4-Trichlorobenzene	8.56	180	168830	43.32	ng		96
31) Naphthalene	8.65	128	578933	43.50	ng		99
32) Benzoic acid	8.38	122	116241m	46.71	ng		
33) 4-Chloroaniline	8.74	127	140804	25.00	ng	#	89
34) Hexachlorobutadiene	8.81	225	95288	42.46	ng		97
35) Caprolactam	9.18	113	53617m	46.74	ng		
36) 4-Chloro-3-methylphenol	9.36	107	188981	50.72	ng		97
37) 2-Methylnaphthalene	9.52	142	414372	44.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	163971	41.89	ng		99
40) Hexachlorocyclopentadiene	9.70	237	110919	56.35	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	117809	43.78	ng		98
43) 2,4,5-Trichlorophenol	9.92	196	122013	44.85	ng	#	86
45) 1,1'-Biphenyl	10.10	154	483861	43.79	ng		99
46) 2-Chloronaphthalene	10.11	162	370809	43.03	ng		97
47) 2-Nitroaniline	10.25	65	111339	44.59	ng		92
48) Acenaphthylene	10.63	152	615642	43.51	ng		98
49) Dimethylphthalate	10.49	163	455038	44.61	ng		99
50) 2,6-Dinitrotoluene	10.56	165	92739	46.07	ng	#	38
51) Acenaphthene	10.83	154	346872	41.11	ng		99
52) 3-Nitroaniline	10.77	138	82721	32.90	ng		91
53) 2,4-Dinitrophenol	10.91	184	34739	53.12	ng	#	56
54) Dibenzofuran	11.05	168	534083	43.82	ng		97
55) 4-Nitrophenol	10.99	139	134243	67.45	ng		94
56) 2,4-Dinitrotoluene	11.06	165	128413	48.25	ng		91
57) Fluorene	11.47	166	435029	43.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	93551	42.08	ng		99
59) Diethylphthalate	11.37	149	451457	44.68	ng		97
60) 4-Chlorophenyl-phenylether	11.49	204	188843	42.55	ng		91
61) 4-Nitroaniline	11.52	138	94741	37.66	ng		99
62) Azobenzene	11.68	77	430834	43.27	ng		97
64) 4,6-Dinitro-2-methylphenol	11.57	198	37759	37.31	ng	#	65
65) n-Nitrosodiphenylamine	11.63	169	382522	42.98	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	123646	44.39	ng		95
67) Hexachlorobenzene	12.15	284	138218	43.41	ng	#	84
68) Atrazine	12.32	200	124056	47.93	ng		97
69) Pentachlorophenol	12.41	266	115474	63.53	ng		97
70) Phenanthrene	12.66	178	623351	41.69	ng		99
71) Anthracene	12.73	178	658941	44.92	ng		99
72) Carbazole	12.94	167	610031	43.63	ng		99
73) Di-n-butylphthalate	13.39	149	745289	44.45	ng		98
74) Fluoranthene	14.14	202	666910	42.81	ng		97
76) Benzidine	14.32	184	311728	46.76	ng		98
77) Pyrene	14.41	202	693272	48.64	ng		99
79) Butylbenzylphthalate	15.26	149	314363	50.46	ng		89
80) Benzo(a)anthracene	15.92	228	624051	46.07	ng		99
81) 3,3'-Dichlorobenzidine	15.90	252	169466	35.13	ng	#	98
82) Chrysene	15.97	228	585582	44.95	ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	466197	49.40	ng	#	98
84) Di-n-octyl phthalate	16.82	149	771398	46.41	ng		96
85) Indeno(1,2,3-cd)pyrene	19.12	276	722128	43.51	ng		100
87) Benzo(b)fluoranthene	17.28	252	620638	45.58	ng	#	96
88) Benzo(k)fluoranthene	17.31	252	614526m	46.62	ng		
89) Benzo(a)pyrene	17.68	252	598596	47.75	ng		98
90) Dibenzo(a,h)anthracene	19.14	278	588580	44.17	ng		98
91) Benzo(g,h,i)perylene	19.51	276	603095	45.16	ng	#	94

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

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