Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079042.D
Acq On : 8 May 2015 17:19
Operator : TP/IZ
Sample : PB83154BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83154BS

Manual Integrations APPROVED
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5/12/2015 3:43:51 PM

Quant Time: May 08 23:14:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 22:44:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	98336	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	418474	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	207950	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	403163	20.00	ng		0.00
75) Chrysene-d12	16.25	240	392515	20.00	ng		0.00
86) Perylene-d12	18.11	264	376471	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	580537	101.62	ng		0.01
7) Phenol-d6	6.89	99	766647	101.53	ng		0.00
23) Nitrobenzene-d5	8.01	82	401043	55.08	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	207915	92.42	ng		0.00
44) 2-Fluorobiphenyl	10.25	172	839162	56.22	ng		0.00
78) Terphenyl-d14	14.93	244	952971	58.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	68195	27.46	ng	#	32
3) Pyridine	3.05	79	216118	29.73	ng		97
4) n-Nitrosodimethylamine	2.97	42	91396m	29.35	ng		
6) Aniline	6.91	93	205337	19.26	ng		98
8) 2-Chlorophenol	7.05	128	208963	32.25	ng		94
9) Benzaldehyde	6.78	77	135971	26.73	ng		94
10) Phenol	6.90	94	297304	33.94	ng		93
11) bis(2-Chloroethyl)ether	7.02	93	200819	31.27	ng		86
12) 1,3-Dichlorobenzene	7.24	146	221030	30.35	ng		96
13) 1,4-Dichlorobenzene	7.35	146	223641	29.84	ng		98
14) 1,2-Dichlorobenzene	7.53	146	215456	30.88	ng		98
15) Benzyl Alcohol	7.51	79	176759	31.53	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.68	45	305439	31.09	ng		99
17) 2-Methylphenol	7.64	107	171042	32.80	ng		98
18) Hexachloroethane	7.94	117	75523	29.26	ng	#	86
19) n-Nitroso-di-n-propylamine	7.84	70	156575	30.70	ng	#	82
20) 3+4-Methylphenols	7.84	107	228862	32.94	ng	#	50
22) Acetophenone	7.83	105	299035	31.63	ng	#	96
24) Nitrobenzene	8.03	77	210993	29.23	ng		99
25) Isophorone	8.33	82	395496	29.30	ng		99
26) 2-Nitrophenol	8.43	139	102780	34.41	ng		98
27) 2,4-Dimethylphenol	8.49	122	195993	32.79	ng		99
28) bis(2-Chloroethoxy)methane	8.62	93	260298	31.28	ng		99
29) 2,4-Dichlorophenol	8.73	162	182631	34.36	ng		96
30) 1,2,4-Trichlorobenzene	8.83	180	177355	30.37	ng		98
31) Naphthalene	8.92	128	603960	30.29	ng		99
32) Benzoic acid	8.60	122	111077	32.08	ng		95
33) 4-Chloroaniline	8.99	127	132494	15.70	ng		96
34) Hexachlorobutadiene	9.07	225	92096	27.39	ng		96
35) Caprolactam	9.43	113	56215	32.70	ng		96
36) 4-Chloro-3-methylphenol	9.61	107	191311	34.27	ng	#	85
37) 2-Methylnaphthalene	9.78	142	412049	29.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	166262	28.39	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	166027	56.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	121046	30.06	ng		96
43) 2,4,5-Trichlorophenol	10.18	196	130546	32.07	ng		96
45) 1,1'-Biphenyl	10.36	154	489311	29.60	ng		100
46) 2-Chloronaphthalene	10.39	162	386721	29.99	ng		99
47) 2-Nitroaniline	10.51	65	112379	30.08	ng		96
48) Acenaphthylene	10.90	152	650575	30.73	ng		100
49) Dimethylphthalate	10.75	163	463329	30.36	ng		99
50) 2,6-Dinitrotoluene	10.83	165	95137	31.59	ng	#	60
51) Acenaphthene	11.12	154	375737	29.76	ng		98
52) 3-Nitroaniline	11.03	138	76457	20.32	ng	#	89
53) 2,4-Dinitrophenol	11.16	184	75423	66.71	ng		93
54) Dibenzofuran	11.34	168	579552	31.78	ng		96
55) 4-Nitrophenol	11.24	139	177466	59.59	ng	#	86
56) 2,4-Dinitrotoluene	11.32	165	127535	32.03	ng		84
57) Fluorene	11.76	166	463468	30.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.48	232	104710	31.48	ng	#	100
59) Diethylphthalate	11.63	149	460748	30.47	ng		99
60) 4-Chlorophenyl-phenylether	11.76	204	197226	29.70	ng	#	82
61) 4-Nitroaniline	11.78	138	112162	29.80	ng		92
62) Azobenzene	11.96	77	460258	30.89	ng		93
64) 4,6-Dinitro-2-methylphenol	11.83	198	52847	35.29	ng		82
65) n-Nitrosodiphenylamine	11.91	169	389845	29.04	ng		98
66) 4-Bromophenyl-phenylether	12.38	248	128957	30.69	ng	#	91
67) Hexachlorobenzene	12.43	284	140097	29.17	ng		94
68) Atrazine	12.58	200	118858	30.44	ng		98
69) Pentachlorophenol	12.69	266	128691	48.72	ng		97
70) Phenanthrene	12.95	178	651689	28.89	ng		99
71) Anthracene	13.02	178	672797	30.41	ng		100
72) Carbazole	13.22	167	653339	30.98	ng		100
73) Di-n-butylphthalate	13.67	149	768733	30.39	ng	#	98
74) Fluoranthene	14.43	202	707820	30.12	ng		95
76) Benzidine	14.61	184	333004	31.48	ng		98
77) Pyrene	14.72	202	744960	32.94	ng		100
79) Butylbenzylphthalate	15.54	149	335010	33.88	ng		88
80) Benzo(a)anthracene	16.24	228	662454	30.82	ng		99
81) 3,3'-Dichlorobenzidine	16.21	252	154717	20.21	ng	#	97
82) Chrysene	16.29	228	600957	29.07	ng		99
83) Bis(2-ethylhexyl)phthalate	16.29	149	489863	32.71	ng	#	96
84) Di-n-octyl phthalate	17.13	149	846446	32.09	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.62	276	750264	28.48	ng	#	100
87) Benzo(b)fluoranthene	17.62	252	673323	32.68	ng		99
88) Benzo(k)fluoranthene	17.66	252	601163	30.14	ng		99
89) Benzo(a)pyrene	18.05	252	623912	32.88	ng	#	98
90) Dibenzo(a,h)anthracene	19.66	278	605824	30.04	ng		99
91) Benzo(g,h,i)perylene	20.07	276	610813	30.22	ng		96

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

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