Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079519.D
Acq On : 27 May 2015 15:23
Operator : TP/IZ
Sample : PB83614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83614BS

Manual Integrations APPROVED
apatel
5/28/2015 12:03:17 PM

Quant Time: May 28 01:02:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	57226	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	243162	20.00	ng		0.00
38) Acenaphthene-d10	10.74	164	122174	20.00	ng		0.00
63) Phenanthrene-d10	12.58	188	241930	20.00	ng		0.00
75) Chrysene-d12	15.90	240	240873	20.00	ng		-0.05
86) Perylene-d12	17.76	264	246042	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	465421m	141.07	ng		0.00
7) Phenol-d6	6.59	99	572317	136.09	ng		0.00
23) Nitrobenzene-d5	7.70	82	349379	83.06	ng		0.00
41) 2,4,6-Tribromophenol	11.73	330	188616	140.56	ng		-0.01
44) 2-Fluorobiphenyl	9.93	172	753221	87.96	ng		0.00
78) Terphenyl-d14	14.58	244	902516	87.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	60692m	38.67	ng		
3) Pyridine	2.48	79	144693m	41.87	ng		
4) n-Nitrosodimethylamine	2.41	42	64556m	37.94	ng		
6) Aniline	6.59	93	195069m	32.68	ng		
8) 2-Chlorophenol	6.74	128	171294	44.60	ng		93
9) Benzaldehyde	6.44	77	19365m	6.05	ng		
10) Phenol	6.62	94	216038	43.63	ng		95
11) bis(2-Chloroethyl)ether	6.70	93	159697	44.59	ng		91
12) 1,3-Dichlorobenzene	6.92	146	183829	43.20	ng	#	93
13) 1,4-Dichlorobenzene	7.02	146	183325	42.23	ng		95
14) 1,2-Dichlorobenzene	7.20	146	173759	43.10	ng		96
15) Benzyl Alcohol	7.20	79	145559m	47.10	ng		
16) 2,2'-oxybis(1-Chloropropan	7.37	45	243246	46.40	ng		98
17) 2-Methylphenol	7.36	107	139090	46.09	ng		98
18) Hexachloroethane	7.62	117	63903	42.77	ng	#	78
19) n-Nitroso-di-n-propylamine	7.53	70	132790	44.88	ng	#	92
20) 3+4-Methylphenols	7.55	107	184111	44.40	ng		94
22) Acetophenone	7.52	105	248115	45.54	ng	#	93
24) Nitrobenzene	7.72	77	179722	43.35	ng	#	87
25) Isophorone	8.02	82	333831	43.54	ng	#	91
26) 2-Nitrophenol	8.11	139	85565	43.59	ng	#	75
27) 2,4-Dimethylphenol	8.19	122	159562	45.22	ng		96
28) bis(2-Chloroethoxy)methane	8.31	93	211439	44.49	ng		98
29) 2,4-Dichlorophenol	8.42	162	154418	47.78	ng		93
30) 1,2,4-Trichlorobenzene	8.51	180	147565	44.01	ng		97
31) Naphthalene	8.60	128	511843	43.86	ng		99
32) Benzoic acid	8.34	122	100543m	45.92	ng		
33) 4-Chloroaniline	8.70	127	148534	30.47	ng	#	94
34) Hexachlorobutadiene	8.76	225	82741	43.39	ng		97
35) Caprolactam	9.12	113	48576m	47.66	ng		
36) 4-Chloro-3-methylphenol	9.31	107	164250	49.00	ng	#	87
37) 2-Methylnaphthalene	9.46	142	356317	43.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	143176	41.90	ng	#	100
40) Hexachlorocyclopentadiene	9.66	237	90756	82.92	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.83	196	106047	44.44	ng		96
43) 2,4,5-Trichlorophenol	9.87	196	105871	44.57	ng	#	84
45) 1,1'-Biphenyl	10.04	154	422809	44.31	ng		97
46) 2-Chloronaphthalene	10.07	162	330941	43.91	ng		95
47) 2-Nitroaniline	10.20	65	101342	45.23	ng	#	76
48) Acenaphthylene	10.57	152	549396	43.92	ng		99
49) Dimethylphthalate	10.45	163	422682	46.95	ng		99
50) 2,6-Dinitrotoluene	10.51	165	84409	46.93	ng	#	55
51) Acenaphthene	10.79	154	319926	44.72	ng		99
52) 3-Nitroaniline	10.72	138	81224	34.72	ng		83
53) 2,4-Dinitrophenol	10.87	184	66790	84.36	ng	#	84
54) Dibenzofuran	11.01	168	487853	46.24	ng		97
55) 4-Nitrophenol	10.96	139	122421	94.37	ng		87
56) 2,4-Dinitrotoluene	11.02	165	118190	49.00	ng		90
57) Fluorene	11.43	166	408097	46.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	84543	48.91	ng	#	100
59) Diethylphthalate	11.31	149	405652	46.03	ng		94
60) 4-Chlorophenyl-phenylether	11.44	204	179974	47.90	ng		93
61) 4-Nitroaniline	11.47	138	93793	43.04	ng		89
62) Azobenzene	11.63	77	401711	46.87	ng		97
64) 4,6-Dinitro-2-methylphenol	11.52	198	53583	44.42	ng		94
65) n-Nitrosodiphenylamine	11.59	169	340153	42.33	ng		97
66) 4-Bromophenyl-phenylether	12.05	248	116663	46.83	ng		94
67) Hexachlorobenzene	12.10	284	126076	44.39	ng		95
68) Atrazine	12.27	200	115760	53.33	ng		96
69) Pentachlorophenol	12.37	266	104053	95.63	ng		98
70) Phenanthrene	12.62	178	572176	43.11	ng		100
71) Anthracene	12.67	178	587426	43.59	ng		99
72) Carbazole	12.89	167	583215	44.96	ng		98
73) Di-n-butylphthalate	13.35	149	739068	51.23	ng		99
74) Fluoranthene	14.09	202	642071	45.11	ng		98
76) Benzidine	14.27	184	317270	61.50	ng		99
77) Pyrene	14.37	202	670685	44.94	ng		100
79) Butylbenzylphthalate	15.21	149	331618	49.41	ng		92
80) Benzo(a)anthracene	15.89	228	605747	43.72	ng		99
81) 3,3'-Dichlorobenzidine	15.86	252	162525	32.03	ng	#	97
82) Chrysene	15.93	228	569467	43.24	ng		99
83) Bis(2-ethylhexyl)phthalate	15.97	149	494283	51.41	ng	#	97
84) Di-n-octyl phthalate	16.81	149	852732	50.96	ng		100
85) Indeno(1,2,3-cd)pyrene	19.14	276	739707	43.66	ng		99
87) Benzo(b)fluoranthene	17.27	252	615800m	43.88	ng		
88) Benzo(k)fluoranthene	17.31	252	585527	46.66	ng		99
89) Benzo(a)pyrene	17.69	252	607114	49.53	ng		99
90) Dibenzo(a,h)anthracene	19.17	278	609292	47.41	ng	#	96
91) Benzo(g,h,i)perylene	19.53	276	607259	47.14	ng		98

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

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