Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075597.D
Acq On : 16 Nov 2014 23:29
Operator : TP / JJ
Sample : PB79309BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB79309BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:40:08 PM

Quant Time: Nov 17 07:43:48 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	21179	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	99115	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	53663	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	89369	20.00	ng		0.00
75) Chrysene-d12	16.46	240	93662	20.00	ng		-0.01
86) Perylene-d12	18.21	264	83829	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	102716	85.68	ng		0.00
7) Phenol-d6	7.10	99	121241	84.10	ng		-0.01
23) Nitrobenzene-d5	8.24	82	119933	88.71	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	35035	77.95	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	263746	88.81	ng		0.00
78) Terphenyl-d14	15.16	244	295136	84.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	17196	34.17	ng	#	94
3) Pyridine	3.28	79	45880m	33.93	ng		
4) n-Nitrosodimethylamine	3.19	42	31566m	44.10	ng		
6) Aniline	7.13	93	33694	16.18	ng	#	91
8) 2-Chlorophenol	7.28	128	58613	42.24	ng		87
10) Phenol	7.12	94	73689	41.90	ng		92
11) bis(2-Chloroethyl)ether	7.24	93	58137	43.64	ng	#	84
12) 1,3-Dichlorobenzene	7.48	146	62405	41.27	ng		96
13) 1,4-Dichlorobenzene	7.58	146	63284	41.14	ng		93
14) 1,2-Dichlorobenzene	7.76	146	61646	42.74	ng		94
15) Benzyl Alcohol	7.73	79	49878	44.07	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	124171	45.03	ng		98
17) 2-Methylphenol	7.88	107	47652	41.48	ng		96
18) Hexachloroethane	8.17	117	21687	41.11	ng		95
19) n-Nitroso-di-n-propylamine	8.06	70	42252	43.01	ng		96
20) 3+4-Methylphenols	8.06	107	64782	43.07	ng	#	78
22) Acetophenone	8.06	105	92483	43.25	ng	#	92
24) Nitrobenzene	8.26	77	64956	41.46	ng		93
25) Isophorone	8.56	82	118570	38.41	ng		97
26) 2-Nitrophenol	8.66	139	29760	41.69	ng	#	75
27) 2,4-Dimethylphenol	8.72	122	52597	38.02	ng		99
28) bis(2-Chloroethoxy)methane	8.84	93	73023	38.82	ng		99
29) 2,4-Dichlorophenol	8.96	162	51217	42.25	ng		95
30) 1,2,4-Trichlorobenzene	9.06	180	50525	39.70	ng		97
31) Naphthalene	9.16	128	182129	41.22	ng		99
32) Benzoic acid	8.80	122	33055	39.54	ng		86
33) 4-Chloroaniline	9.22	127	34738	18.09	ng	#	91
34) Hexachlorobutadiene	9.32	225	26078	37.91	ng		97
35) Caprolactam	9.65	113	16534	41.16	ng	#	85
36) 4-Chloro-3-methylphenol	9.83	107	54152	40.72	ng		96
37) 2-Methylnaphthalene	10.02	142	126387	41.92	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	48167	43.66	ng		99
40) Hexachlorocyclopentadiene	10.21	237	54566	81.43	ng		97
42) 2,4,6-Trichlorophenol	10.37	196	33375	38.05	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.41	196	34598	37.87	ng	#	82
45) 1,1'-Biphenyl	10.61	154	150221	41.50	ng		94
46) 2-Chloronaphthalene	10.63	162	119164	42.10	ng		91
47) 2-Nitroaniline	10.75	65	37539	44.08	ng		99
48) Acenaphthylene	11.15	152	205863	44.11	ng		100
49) Dimethylphthalate	10.99	163	152023	41.44	ng		100
50) 2,6-Dinitrotoluene	11.07	165	30008	41.53	ng	#	54
51) Acenaphthene	11.35	154	113315	40.23	ng		99
52) 3-Nitroaniline	11.26	138	24680	28.97	ng		99
53) 2,4-Dinitrophenol	11.40	184	26276	69.05	ng	#	70
54) Dibenzofuran	11.57	168	169215	42.03	ng		99
55) 4-Nitrophenol	11.48	139	59790	87.79	ng	#	77
56) 2,4-Dinitrotoluene	11.56	165	43670	46.00	ng	#	87
57) Fluorene	12.00	166	145209	44.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.72	232	27182	37.48	ng		95
59) Diethylphthalate	11.87	149	154494	40.58	ng		95
60) 4-Chlorophenyl-phenylether	12.00	204	61968	44.27	ng		93
61) 4-Nitroaniline	12.01	138	37244	43.73	ng		96
62) Azobenzene	12.20	77	133889	39.98	ng		96
64) 4,6-Dinitro-2-methylphenol	12.06	198	18893	41.80	ng		84
65) n-Nitrosodiphenylamine	12.15	169	121057	42.82	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	35471	42.19	ng	#	71
67) Hexachlorobenzene	12.68	284	42630	44.65	ng		97
68) Atrazine	12.81	200	34855	39.73	ng		97
69) Pentachlorophenol	12.93	266	41700	69.58	ng		98
70) Phenanthrene	13.19	178	211065	44.88	ng		99
71) Anthracene	13.26	178	222672	45.80	ng		98
72) Carbazole	13.47	167	207437	43.61	ng		99
73) Di-n-butylphthalate	13.90	149	265827	40.45	ng		99
74) Fluoranthene	14.68	202	234195	46.49	ng		91
76) Benzidine	14.85	184	66249	22.24	ng		98
77) Pyrene	14.96	202	245752	45.13	ng		99
79) Butylbenzylphthalate	15.77	149	121648	39.78	ng		96
80) Benzo(a)anthracene	16.45	228	215770	43.85	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	42178	23.22	ng	#	98
82) Chrysene	16.49	228	201244	47.29	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	176518	36.65	ng	#	99
84) Di-n-octyl phthalate	17.27	149	316468	37.32	ng		98
85) Indeno(1,2,3-cd)pyrene	19.77	276	226184	43.81	ng	#	100
87) Benzo(b)fluoranthene	17.74	252	244041	54.45	ng		97
88) Benzo(k)fluoranthene	17.77	252	173318m	43.09	ng		
89) Benzo(a)pyrene	18.14	252	207603	51.77	ng	#	93
90) Dibenzo(a,h)anthracene	19.80	278	205800	49.14	ng		99
91) Benzo(g,h,i)perylene	20.24	276	186655	46.78	ng	#	92

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

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