Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078169.D
Acq On : 1 Apr 2015 23:24
Operator : TP/IZ
Sample : PB82441BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Manual Integrations APPROVED
apatel
4/2/2015 5:51:07 PM

Quant Time: Apr 02 13:52:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	40000	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	170207	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	89096	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	167822	20.00	ng		0.00
75) Chrysene-d12	15.86	240	167486	20.00	ng		-0.01
86) Perylene-d12	17.53	264	159133	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	288345	118.85	ng		0.00
7) Phenol-d6	6.60	99	365585	120.24	ng		0.00
23) Nitrobenzene-d5	7.71	82	206525	73.55	ng		0.00
41) 2,4,6-Tribromophenol	11.74	330	91378	123.66	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	468187	75.11	ng		0.00
78) Terphenyl-d14	14.59	244	541871	73.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	31465	28.68	ng		95
3) Pyridine	2.52	79	101001	35.15	ng		97
4) n-Nitrosodimethylamine	2.45	42	44595m	40.32	ng		
6) Aniline	6.60	93	78533	18.21	ng	#	81
8) 2-Chlorophenol	6.75	128	116249	40.52	ng		99
10) Phenol	6.62	94	143243	39.32	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	107793	41.15	ng		98
12) 1,3-Dichlorobenzene	6.93	146	119774	38.01	ng		98
13) 1,4-Dichlorobenzene	7.04	146	121548	38.32	ng		99
14) 1,2-Dichlorobenzene	7.22	146	116329	39.11	ng		99
15) Benzyl Alcohol	7.21	79	85534	40.03	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	139517	39.92	ng		100
17) 2-Methylphenol	7.37	107	89736	40.29	ng		97
18) Hexachloroethane	7.64	117	41494	38.79	ng		98
19) n-Nitroso-di-n-propylamine	7.55	70	81494	40.62	ng		99
20) 3+4-Methylphenols	7.56	107	122152	41.11	ng		99
22) Acetophenone	7.53	105	153700	38.76	ng	#	88
24) Nitrobenzene	7.73	77	109815	37.41	ng	#	80
25) Isophorone	8.04	82	208979	39.21	ng		99
26) 2-Nitrophenol	8.13	139	56042	40.06	ng		96
27) 2,4-Dimethylphenol	8.21	122	103334	39.72	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	133978	39.20	ng		100
29) 2,4-Dichlorophenol	8.44	162	94450	39.91	ng		99
30) 1,2,4-Trichlorobenzene	8.53	180	103008	37.96	ng		100
31) Naphthalene	8.62	128	335042	37.82	ng		99
32) Benzoic acid	8.34	122	43858	37.32	ng		96
33) 4-Chloroaniline	8.70	127	72031	19.59	ng		99
34) Hexachlorobutadiene	8.78	225	53754	36.08	ng		96
35) Caprolactam	9.13	113	28218	39.95	ng		99
36) 4-Chloro-3-methylphenol	9.32	107	97944	41.02	ng		99
37) 2-Methylnaphthalene	9.48	142	235425	39.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	99866	36.17	ng		99
40) Hexachlorocyclopentadiene	9.68	237	94689	79.70	ng		97
42) 2,4,6-Trichlorophenol	9.84	196	66629	38.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	70106	38.54	ng	#	84
45) 1,1'-Biphenyl	10.06	154	279601	38.37	ng		100
46) 2-Chloronaphthalene	10.08	162	211400	36.87	ng		99
47) 2-Nitroaniline	10.21	65	56146	39.58	ng		96
48) Acenaphthylene	10.59	152	347468	37.53	ng		99
49) Dimethylphthalate	10.46	163	253886	37.93	ng	#	96
50) 2,6-Dinitrotoluene	10.53	165	56646	41.13	ng		94
51) Acenaphthene	10.80	154	194272	37.27	ng		100
52) 3-Nitroaniline	10.73	138	39508	25.23	ng		100
53) 2,4-Dinitrophenol	10.86	184	39800	76.15	ng		99
54) Dibenzofuran	11.01	168	307454	38.61	ng		98
55) 4-Nitrophenol	10.97	139	84778	73.75	ng		91
56) 2,4-Dinitrotoluene	11.02	165	74922	42.01	ng		93
57) Fluorene	11.44	166	251353	38.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	55646	41.27	ng	#	99
59) Diethylphthalate	11.33	149	250880	38.87	ng		99
60) 4-Chlorophenyl-phenylether	11.46	204	116304	39.17	ng		97
61) 4-Nitroaniline	11.48	138	57530	36.34	ng		96
62) Azobenzene	11.65	77	236859	40.21	ng		83
64) 4,6-Dinitro-2-methylphenol	11.53	198	28905	37.07	ng	#	52
65) n-Nitrosodiphenylamine	11.61	169	217642	37.49	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	69014	38.83	ng		98
67) Hexachlorobenzene	12.11	284	75679	38.86	ng		97
68) Atrazine	12.28	200	69375	41.26	ng		96
69) Pentachlorophenol	12.36	266	64871	75.59	ng		99
70) Phenanthrene	12.63	178	378064	38.95	ng		99
71) Anthracene	12.68	178	372872	38.98	ng		99
72) Carbazole	12.90	167	357038	39.83	ng		98
73) Di-n-butylphthalate	13.36	149	403021	39.68	ng		99
74) Fluoranthene	14.09	202	388960	37.99	ng		98
76) Benzidine	14.28	184	154793	24.00	ng		99
77) Pyrene	14.37	202	412020	39.19	ng		98
79) Butylbenzylphthalate	15.21	149	168028	41.93	ng		97
80) Benzo(a)anthracene	15.85	228	375253	37.66	ng		98
81) 3,3'-Dichlorobenzidine	15.84	252	59693	17.89	ng	#	97
82) Chrysene	15.89	228	352193	37.62	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	258046	41.06	ng	#	95
84) Di-n-octyl phthalate	16.69	149	442654	42.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.83	276	408707	38.47	ng	#	86
87) Benzo(b)fluoranthene	17.11	252	419970	42.70	ng	#	96
88) Benzo(k)fluoranthene	17.14	252	308384m	35.28	ng		
89) Benzo(a)pyrene	17.47	252	354937	41.35	ng	#	96
90) Dibenzo(a,h)anthracene	18.85	278	336699	39.18	ng		97
91) Benzo(g,h,i)perylene	19.21	276	332107	38.55	ng		98

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

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