Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078167.D
Acq On : 1 Apr 2015 22:26
Operator : TP/IZ
Sample : PB82442BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Manual Integrations APPROVED
apatel
4/2/2015 5:51:18 PM

Quant Time: Apr 02 13:51:35 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	39605	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	165780	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	84392	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	166706	20.00	ng		0.00
75) Chrysene-d12	15.87	240	164761	20.00	ng		0.00
86) Perylene-d12	17.57	264	157402	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	290583	120.97	ng		0.00
7) Phenol-d6	6.61	99	372602	123.77	ng		0.01
23) Nitrobenzene-d5	7.72	82	208298	76.16	ng		0.01
41) 2,4,6-Tribromophenol	11.74	330	91392	130.58	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	460958	78.08	ng		0.00
78) Terphenyl-d14	14.59	244	537404	73.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	34185	31.47	ng		96
3) Pyridine	2.51	79	107436	37.76	ng	#	89
4) n-Nitrosodimethylamine	2.45	42	42549m	38.85	ng		
6) Aniline	6.61	93	64557	15.12	ng	#	55
8) 2-Chlorophenol	6.75	128	115685	40.73	ng		97
10) Phenol	6.62	94	144954	40.19	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	107400	41.40	ng		98
12) 1,3-Dichlorobenzene	6.94	146	117856	37.77	ng	#	89
13) 1,4-Dichlorobenzene	7.04	146	121902	38.82	ng		99
14) 1,2-Dichlorobenzene	7.22	146	116379	39.52	ng		100
15) Benzyl Alcohol	7.22	79	86437	40.86	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.39	45	139616	40.35	ng		99
17) 2-Methylphenol	7.37	107	91109	41.31	ng		98
18) Hexachloroethane	7.64	117	41764	39.44	ng		98
19) n-Nitroso-di-n-propylamine	7.55	70	78817	39.68	ng		97
20) 3+4-Methylphenols	7.56	107	123756	42.07	ng		99
22) Acetophenone	7.54	105	157271	40.72	ng		99
24) Nitrobenzene	7.74	77	111386	38.96	ng		98
25) Isophorone	8.04	82	207475	39.97	ng		99
26) 2-Nitrophenol	8.13	139	57448	42.16	ng		98
27) 2,4-Dimethylphenol	8.21	122	102569	40.48	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	131757	39.58	ng		100
29) 2,4-Dichlorophenol	8.44	162	95407	41.39	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	100513	38.03	ng		98
31) Naphthalene	8.62	128	332445	38.53	ng		99
32) Benzoic acid	8.34	122	43530	37.92	ng		95
33) 4-Chloroaniline	8.70	127	62071	17.34	ng		99
34) Hexachlorobutadiene	8.78	225	55321	38.12	ng		99
35) Caprolactam	9.13	113	28130	40.88	ng		92
36) 4-Chloro-3-methylphenol	9.32	107	97385	41.87	ng		98
37) 2-Methylnaphthalene	9.48	142	239200	40.83	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	100591	38.47	ng		98
40) Hexachlorocyclopentadiene	9.68	237	95929	84.77	ng		96
42) 2,4,6-Trichlorophenol	9.84	196	67656	41.03	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	70228	40.76	ng	#	86
45) 1,1'-Biphenyl	10.06	154	280404	40.62	ng		99
46) 2-Chloronaphthalene	10.08	162	213024	39.22	ng		98
47) 2-Nitroaniline	10.21	65	56109	41.75	ng		98
48) Acenaphthylene	10.59	152	344349	39.26	ng		100
49) Dimethylphthalate	10.46	163	253404	39.97	ng	#	96
50) 2,6-Dinitrotoluene	10.53	165	56962	43.67	ng		94
51) Acenaphthene	10.80	154	198006	40.10	ng		99
52) 3-Nitroaniline	10.73	138	32473	21.89	ng		95
53) 2,4-Dinitrophenol	10.86	184	39530	78.60	ng		100
54) Dibenzofuran	11.01	168	302939	40.17	ng		98
55) 4-Nitrophenol	10.97	139	85313	78.18	ng		88
56) 2,4-Dinitrotoluene	11.02	165	76462	45.26	ng		94
57) Fluorene	11.44	166	252151	41.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	57399	44.94	ng		100
59) Diethylphthalate	11.33	149	249523	40.82	ng		99
60) 4-Chlorophenyl-phenylether	11.46	204	113446	40.34	ng		95
61) 4-Nitroaniline	11.48	138	55832	37.24	ng		96
62) Azobenzene	11.65	77	237178	42.51	ng		83
64) 4,6-Dinitro-2-methylphenol	11.53	198	29202	37.56	ng	#	54
65) n-Nitrosodiphenylamine	11.61	169	220360	38.21	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	67402	38.18	ng		96
67) Hexachlorobenzene	12.11	284	73233	37.85	ng		98
68) Atrazine	12.28	200	67913	40.66	ng		98
69) Pentachlorophenol	12.36	266	67137	78.42	ng		99
70) Phenanthrene	12.63	178	369078	38.27	ng		99
71) Anthracene	12.68	178	373066	39.26	ng		99
72) Carbazole	12.90	167	353060	39.65	ng		99
73) Di-n-butylphthalate	13.36	149	395446	39.20	ng		99
74) Fluoranthene	14.09	202	395682	38.91	ng		98
76) Benzidine	14.28	184	152316	24.01	ng		99
77) Pyrene	14.37	202	420294	40.64	ng		99
79) Butylbenzylphthalate	15.21	149	174779	44.34	ng		99
80) Benzo(a)anthracene	15.86	228	394744	40.27	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	50389	15.35	ng	#	96
82) Chrysene	15.91	228	356181	38.67	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	261436	42.28	ng	#	94
84) Di-n-octyl phthalate	16.72	149	451851	44.51	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.89	276	418994	40.09	ng	#	86
87) Benzo(b)fluoranthene	17.14	252	370068	38.04	ng		99
88) Benzo(k)fluoranthene	17.17	252	374711m	43.34	ng		
89) Benzo(a)pyrene	17.51	252	355984	41.93	ng	#	94
90) Dibenzo(a,h)anthracene	18.91	278	337844	39.75	ng		99
91) Benzo(g,h,i)perylene	19.27	276	339345	39.82	ng		99

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

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