Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
Data File : BF078897.D
Acq On : 1 May 2015 17:23
Operator : TP/IZ
Sample : PB83016BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83016BS

Quant Time: May 01 23:39:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 22:48:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71903	20.00	ng		0.00
21) Naphthalene-d8	8.94	136	293432	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	141723	20.00	ng		-0.01
63) Phenanthrene-d10	12.96	188	284898	20.00	ng		0.00
75) Chrysene-d12	16.26	240	294883	20.00	ng		-0.02
86) Perylene-d12	18.05	264	292069	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	550885	131.88	ng		0.00
7) Phenol-d6	6.90	99	709774	128.55	ng		0.00
23) Nitrobenzene-d5	8.04	82	397051	77.77	ng		0.00
41) 2,4,6-Tribromophenol	12.09	330	221109	144.22	ng		0.00
44) 2-Fluorobiphenyl	10.28	172	859197	84.46	ng		0.00
78) Terphenyl-d14	14.96	244	1078174	87.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	62518	34.42	ng	#	30
3) Pyridine	3.11	79	180418	33.94	ng		100
4) n-Nitrosodimethylamine	3.02	42	95775m	42.06	ng		
6) Aniline	6.95	93	196287	25.19	ng		99
8) 2-Chlorophenol	7.08	128	198522	41.90	ng		98
9) Benzaldehyde	6.81	77	56223	15.12	ng		99
10) Phenol	6.92	94	274358	42.83	ng		94
11) bis(2-Chloroethyl)ether	7.04	93	187448	39.92	ng		98
12) 1,3-Dichlorobenzene	7.28	146	211328	39.69	ng		99
13) 1,4-Dichlorobenzene	7.38	146	215222	39.27	ng		98
14) 1,2-Dichlorobenzene	7.56	146	210424	41.25	ng		99
15) Benzyl Alcohol	7.53	79	168415	41.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.71	45	294064	40.93	ng		99
17) 2-Methylphenol	7.67	107	162379	42.59	ng		96
18) Hexachloroethane	7.98	117	73807	39.10	ng	#	76
19) n-Nitroso-di-n-propylamine	7.87	70	149310	40.04	ng	#	82
20) 3+4-Methylphenols	7.86	107	214326	42.19	ng		92
22) Acetophenone	7.86	105	288810	43.57	ng	#	97
24) Nitrobenzene	8.07	77	207579	41.02	ng		99
25) Isophorone	8.36	82	384150	40.59	ng		99
26) 2-Nitrophenol	8.47	139	91430	43.65	ng		96
27) 2,4-Dimethylphenol	8.52	122	184420	44.00	ng		94
28) bis(2-Chloroethoxy)methane	8.65	93	246964	42.32	ng		99
29) 2,4-Dichlorophenol	8.75	162	174388	46.79	ng		97
30) 1,2,4-Trichlorobenzene	8.87	180	171339	41.85	ng		98
31) Naphthalene	8.96	128	577545	41.31	ng		100
32) Benzoic acid	8.62	122	113652	43.91	ng		97
33) 4-Chloroaniline	9.03	127	140134	23.69	ng		99
34) Hexachlorobutadiene	9.12	225	92101	39.06	ng		98
35) Caprolactam	9.45	113	55106	45.72	ng		92
36) 4-Chloro-3-methylphenol	9.63	107	185746	47.45	ng		89
37) 2-Methylnaphthalene	9.82	142	409326	42.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	162743	40.77	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	191588	95.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	122832	44.76	ng		96
43) 2,4,5-Trichlorophenol	10.20	196	124754	44.97	ng	#	87
45) 1,1'-Biphenyl	10.40	154	483739	42.94	ng		100
46) 2-Chloronaphthalene	10.42	162	371244	42.24	ng		99
47) 2-Nitroaniline	10.55	65	114239	44.86	ng		100
48) Acenaphthylene	10.94	152	633440	43.90	ng		100
49) Dimethylphthalate	10.79	163	465537	44.76	ng		100
50) 2,6-Dinitrotoluene	10.86	165	92774	45.20	ng		98
51) Acenaphthene	11.15	154	369110	42.90	ng		98
52) 3-Nitroaniline	11.06	138	83883	32.71	ng	#	98
53) 2,4-Dinitrophenol	11.20	184	72692	81.95	ng	#	70
54) Dibenzofuran	11.37	168	577899	46.49	ng		98
55) 4-Nitrophenol	11.27	139	201041	99.06	ng		94
56) 2,4-Dinitrotoluene	11.36	165	131571	48.48	ng	#	65
57) Fluorene	11.79	166	456594	44.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	103436	45.63	ng	#	100
59) Diethylphthalate	11.67	149	469398	45.55	ng		99
60) 4-Chlorophenyl-phenylether	11.81	204	207586	45.87	ng		96
61) 4-Nitroaniline	11.82	138	113917	44.41	ng		94
62) Azobenzene	12.00	77	479817	47.26	ng		97
64) 4,6-Dinitro-2-methylphenol	11.85	198	50024	43.71	ng		84
65) n-Nitrosodiphenylamine	11.94	169	389677	41.07	ng		99
66) 4-Bromophenyl-phenylether	12.41	248	130570	43.97	ng		96
67) Hexachlorobenzene	12.47	284	142164	41.89	ng		95
68) Atrazine	12.62	200	118969	43.12	ng		98
69) Pentachlorophenol	12.72	266	167634	84.04	ng		98
70) Phenanthrene	12.99	178	667311	41.87	ng		99
71) Anthracene	13.05	178	663420	42.43	ng		100
72) Carbazole	13.26	167	681886	45.75	ng		99
73) Di-n-butylphthalate	13.70	149	764475	42.77	ng		99
74) Fluoranthene	14.47	202	723698	43.58	ng		97
76) Benzidine	14.64	184	266448	33.53	ng		99
77) Pyrene	14.75	202	778753	45.83	ng		99
79) Butylbenzylphthalate	15.58	149	352765	47.49	ng	#	84
80) Benzo(a)anthracene	16.25	228	702974	43.53	ng		99
81) 3,3'-Dichlorobenzidine	16.23	252	194636	33.84	ng	#	98
82) Chrysene	16.30	228	661356	42.58	ng		100
83) Bis(2-ethylhexyl)phthalate	16.31	149	530271	47.13	ng		99
84) Di-n-octyl phthalate	17.12	149	879647	44.39	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.55	276	831706	42.03	ng	#	100
87) Benzo(b)fluoranthene	17.59	252	700290	43.81	ng	#	97
88) Benzo(k)fluoranthene	17.62	252	716359m	46.29	ng		
89) Benzo(a)pyrene	17.99	252	685825	46.59	ng		99
90) Dibenzo(a,h)anthracene	19.59	278	674257	43.10	ng		98
91) Benzo(g,h,i)perylene	20.01	276	674023	42.99	ng		99

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

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