Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078005.D
Acq On : 26 Mar 2015 19:56
Operator : TP/IZ
Sample : PB82321BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82321BS

Quant Time: Mar 27 05:39:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 00:54:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	41404	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	169880	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	86238	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	172547	20.00	ng		-0.01
75) Chrysene-d12	15.95	240	192506	20.00	ng		-0.06
86) Perylene-d12	17.68	264	178152	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	264186	111.38	ng		0.00
7) Phenol-d6	6.67	99	320422	109.34	ng		-0.01
23) Nitrobenzene-d5	7.79	82	191316	73.82	ng		0.00
41) 2,4,6-Tribromophenol	11.81	330	82972	100.56	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	437714	74.59	ng		0.00
78) Terphenyl-d14	14.67	244	536623	68.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	28073	26.07	ng	#	100
3) Pyridine	2.62	79	88895	30.72	ng		97
4) n-Nitrosodimethylamine	2.56	42	40506	32.15	ng		87
6) Aniline	6.68	93	80296	19.15	ng	#	56
8) 2-Chlorophenol	6.83	128	103015	36.49	ng		88
9) Benzaldehyde	6.54	77	4851	4.04	ng		99
10) Phenol	6.69	94	122978	35.50	ng	#	70
11) bis(2-Chloroethyl)ether	6.78	93	92258	35.55	ng		91
12) 1,3-Dichlorobenzene	7.01	146	103608	32.99	ng		99
13) 1,4-Dichlorobenzene	7.12	146	104932	32.16	ng		98
14) 1,2-Dichlorobenzene	7.30	146	98628	32.97	ng		98
15) Benzyl Alcohol	7.29	79	80792	35.32	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	120631	34.50	ng		97
17) 2-Methylphenol	7.44	107	80802	35.15	ng		96
18) Hexachloroethane	7.71	117	36058	33.69	ng		97
19) n-Nitroso-di-n-propylamine	7.62	70	71797	35.41	ng		94
20) 3+4-Methylphenols	7.63	107	108779	36.07	ng		93
22) Acetophenone	7.61	105	143647	38.20	ng	#	92
24) Nitrobenzene	7.81	77	102059	36.55	ng	#	88
25) Isophorone	8.11	82	178488	34.10	ng	#	93
26) 2-Nitrophenol	8.20	139	46423	33.96	ng	#	82
27) 2,4-Dimethylphenol	8.28	122	93758	37.65	ng		98
28) bis(2-Chloroethoxy)methane	8.40	93	116378	36.63	ng		99
29) 2,4-Dichlorophenol	8.51	162	88002	37.07	ng		97
30) 1,2,4-Trichlorobenzene	8.60	180	88958	33.50	ng		95
31) Naphthalene	8.69	128	291356	33.39	ng		100
32) Benzoic acid	8.40	122	33246	25.48	ng		95
33) 4-Chloroaniline	8.77	127	71631	20.23	ng	#	91
34) Hexachlorobutadiene	8.85	225	50089	33.28	ng		99
35) Caprolactam	9.20	113	27474	39.60	ng		97
36) 4-Chloro-3-methylphenol	9.39	107	87452	36.62	ng		84
37) 2-Methylnaphthalene	9.55	142	202967	34.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	86716	33.71	ng	#	100
40) Hexachlorocyclopentadiene	9.74	237	76469	60.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	60065	33.71	ng		97
43) 2,4,5-Trichlorophenol	9.96	196	67012	34.81	ng	#	93
45) 1,1'-Biphenyl	10.13	154	238432	34.59	ng		98
46) 2-Chloronaphthalene	10.16	162	199060	35.53	ng		96
47) 2-Nitroaniline	10.29	65	53964	38.78	ng		91
48) Acenaphthylene	10.66	152	310001	33.28	ng		99
49) Dimethylphthalate	10.53	163	226604	35.43	ng	#	99
50) 2,6-Dinitrotoluene	10.60	165	51425	38.79	ng	#	87
51) Acenaphthene	10.88	154	177347	33.20	ng		98
52) 3-Nitroaniline	10.80	138	41245	26.79	ng	#	73
53) 2,4-Dinitrophenol	10.93	184	25187	54.56	ng		90
54) Dibenzofuran	11.09	168	286535	36.17	ng		97
55) 4-Nitrophenol	11.04	139	75510	66.20	ng		94
56) 2,4-Dinitrotoluene	11.09	165	66425	38.42	ng		96
57) Fluorene	11.52	166	233193	35.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.25	232	53456	36.07	ng	#	100
59) Diethylphthalate	11.40	149	223699	35.89	ng		97
60) 4-Chlorophenyl-phenylether	11.53	204	105278	35.07	ng		96
61) 4-Nitroaniline	11.55	138	54457	35.49	ng		78
62) Azobenzene	11.72	77	212998	35.76	ng		96
64) 4,6-Dinitro-2-methylphenol	11.60	198	24135	31.27	ng		80
65) n-Nitrosodiphenylamine	11.68	169	195875	34.09	ng		99
66) 4-Bromophenyl-phenylether	12.13	248	66057	35.87	ng		98
67) Hexachlorobenzene	12.19	284	68978	34.09	ng		96
68) Atrazine	12.35	200	61939	38.47	ng		93
69) Pentachlorophenol	12.44	266	57844	55.56	ng		97
70) Phenanthrene	12.71	178	355590	35.90	ng		99
71) Anthracene	12.76	178	346151	35.37	ng		99
72) Carbazole	12.98	167	349766	37.57	ng		99
73) Di-n-butylphthalate	13.44	149	368120	35.27	ng		99
74) Fluoranthene	14.17	202	382957	35.05	ng		94
76) Benzidine	14.36	184	119138	24.83	ng		99
77) Pyrene	14.45	202	405053	33.46	ng		100
79) Butylbenzylphthalate	15.29	149	170234	35.67	ng		94
80) Benzo(a)anthracene	15.94	228	391660	34.32	ng		99
81) 3,3'-Dichlorobenzidine	15.93	252	89243	23.71	ng	#	98
82) Chrysene	15.99	228	369164	35.98	ng		99
83) Bis(2-ethylhexyl)phthalate	16.01	149	243062	33.62	ng	#	96
84) Di-n-octyl phthalate	16.80	149	418448	33.85	ng		100
85) Indeno(1,2,3-cd)pyrene	19.03	276	397461m	31.04	ng		
87) Benzo(b)fluoranthene	17.23	252	429383	36.92	ng		98
88) Benzo(k)fluoranthene	17.27	252	308642m	33.97	ng		
89) Benzo(a)pyrene	17.61	252	367513	37.87	ng	#	96
90) Dibenzo(a,h)anthracene	19.06	278	332008	34.49	ng		100
91) Benzo(g,h,i)perylene	19.43	276	338010	34.50	ng		98

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

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