Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080456.D
Acq On : 14 Jul 2015 9:02
Operator : TP/UM
Sample : PB84467BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Manual Integrations APPROVED
apatel
7/15/2015 8:28:12 AM

Quant Time: Jul 14 12:05:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	12161	20.00	ng		-0.01
21) Naphthalene-d8	8.42	136	53330	20.00	ng		-0.01
38) Acenaphthene-d10	10.18	164	28372	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	53314	20.00	ng		-0.02
75) Chrysene-d12	14.49	240	71098	20.00	ng		-0.05
86) Perylene-d12	16.21	264	83884	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	84097	118.50	ng		-0.02
7) Phenol-d6	6.77	99	103153	109.10	ng		-0.02
23) Nitrobenzene-d5	7.70	82	65919	70.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.97	330	26177	94.53	ng		-0.02
44) 2-Fluorobiphenyl	9.49	172	147150	69.85	ng		-0.01
78) Terphenyl-d14	13.29	244	183722	56.12	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	8816	25.80	ng	#	58
3) Pyridine	3.89	79	21451	28.28	ng		97
4) n-Nitrosodimethylamine	3.71	42	15022	36.10	ng	#	99
6) Aniline	6.81	93	26060	22.10	ng	#	81
8) 2-Chlorophenol	6.93	128	27931	32.67	ng		93
9) Benzaldehyde	6.69	77	10401	19.89	ng		98
10) Phenol	6.80	94	38347	36.70	ng		87
11) bis(2-Chloroethyl)ether	6.86	93	26772	31.12	ng		91
12) 1,3-Dichlorobenzene	7.07	146	34243	35.42	ng		96
13) 1,4-Dichlorobenzene	7.15	146	36479	33.46	ng		99
14) 1,2-Dichlorobenzene	7.31	146	32763	31.72	ng		97
15) Benzyl Alcohol	7.29	79	23213	29.83	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.40	45	48580	39.16	ng	#	57
17) 2-Methylphenol	7.40	107	22147	29.80	ng	#	92
18) Hexachloroethane	7.65	117	10712	31.84	ng		95
19) n-Nitroso-di-n-propylamine	7.54	70	19457	30.07	ng		91
20) 3+4-Methylphenols	7.55	107	33941	36.35	ng	#	35
22) Acetophenone	7.54	105	42518	33.27	ng		98
24) Nitrobenzene	7.72	77	30454	29.44	ng		92
25) Isophorone	7.95	82	60565	36.14	ng	#	92
26) 2-Nitrophenol	8.04	139	13544	27.27	ng		96
27) 2,4-Dimethylphenol	8.08	122	28681	36.69	ng		96
28) bis(2-Chloroethoxy)methane	8.16	93	36933	36.42	ng		99
29) 2,4-Dichlorophenol	8.28	162	25269	35.02	ng		85
30) 1,2,4-Trichlorobenzene	8.36	180	27872	29.20	ng		99
31) Naphthalene	8.44	128	93859	32.18	ng		99
32) Benzoic acid	8.16	122	13066	23.78	ng		99
33) 4-Chloroaniline	8.50	127	22679	22.94	ng		96
34) Hexachlorobutadiene	8.56	225	16519	29.81	ng		98
35) Caprolactam	8.84	113	6233	30.20	ng	#	81
36) 4-Chloro-3-methylphenol	8.98	107	27769	36.34	ng		86
37) 2-Methylnaphthalene	9.13	142	58991m	30.65	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.30	216	29598	31.18	ng		98
40) Hexachlorocyclopentadiene	9.29	237	31571	63.75	ng		99

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Quant Time: Jul 14 12:05:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	17546	32.09	ng		93
43) 2,4,5-Trichlorophenol	9.46	196	20002	34.09	ng	#	89
45) 1,1'-Biphenyl	9.60	154	79767	32.25	ng		99
46) 2-Chloronaphthalene	9.62	162	54232	29.71	ng	#	90
47) 2-Nitroaniline	9.73	65	15148	28.26	ng	#	81
48) Acenaphthylene	10.04	152	101894	32.63	ng		99
49) Dimethylphthalate	9.89	163	69384	32.35	ng		99
50) 2,6-Dinitrotoluene	9.96	165	12769	26.53	ng	#	75
51) Acenaphthene	10.21	154	65583	33.04	ng		98
52) 3-Nitroaniline	10.14	138	11471	24.41	ng		81
53) 2,4-Dinitrophenol	10.24	184	14683	66.89	ng	#	68
54) Dibenzofuran	10.38	168	93432	35.55	ng		95
55) 4-Nitrophenol	10.32	139	22200	59.68	ng	#	79
56) 2,4-Dinitrotoluene	10.36	165	21102	37.49	ng	#	70
57) Fluorene	10.73	166	74977	33.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.51	232	17014	33.05	ng	#	93
59) Diethylphthalate	10.59	149	64645	30.79	ng	#	93
60) 4-Chlorophenyl-phenylether	10.72	204	32184	30.17	ng	#	86
61) 4-Nitroaniline	10.75	138	14879	32.08	ng		97
62) Azobenzene	10.88	77	74133	32.71	ng		86
64) 4,6-Dinitro-2-methylphenol	10.77	198	9534	33.31	ng	#	63
65) n-Nitrosodiphenylamine	10.83	169	63415	38.16	ng		99
66) 4-Bromophenyl-phenylether	11.21	248	20455	36.00	ng	#	84
67) Hexachlorobenzene	11.28	284	19359	33.93	ng	#	62
68) Atrazine	11.36	200	18354	35.52	ng		96
69) Pentachlorophenol	11.48	266	21309	65.40	ng		97
70) Phenanthrene	11.70	178	107926	33.69	ng		98
71) Anthracene	11.74	178	113927	38.41	ng		98
72) Carbazole	11.90	167	109329	39.94	ng		98
73) Di-n-butylphthalate	12.21	149	118024	40.78	ng		100
74) Fluoranthene	12.91	202	123447	37.16	ng		99
76) Benzidine	13.04	184	67142	48.33	ng		98
77) Pyrene	13.15	202	131285	28.82	ng		99
79) Butylbenzylphthalate	13.80	149	50800	29.42	ng		98
80) Benzo(a)anthracene	14.48	228	139343	31.10	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	36774	27.45	ng	#	97
82) Chrysene	14.52	228	137514	33.33	ng		100
83) Bis(2-ethylhexyl)phthalate	14.44	149	78457	28.95	ng		96
84) Di-n-octyl phthalate	15.19	149	138369	28.99	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.86	276	230692	45.01	ng		98
87) Benzo(b)fluoranthene	15.73	252	156571	26.87	ng		96
88) Benzo(k)fluoranthene	15.77	252	158328m	33.23	ng		
89) Benzo(a)pyrene	16.15	252	166361	32.58	ng		99
90) Dibenzo(a,h)anthracene	17.87	278	189017	37.38	ng	#	97
91) Benzo(g,h,i)perylene	18.36	276	199296	39.67	ng		95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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