Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080238.D
Acq On : 30 Jun 2015 16:08
Operator : TP/IZ
Sample : PB84270BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84270BSD

Manual Integrations APPROVED
apatel
7/1/2015 4:16:32 PM

Quant Time: Jul 01 11:07:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	33231	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	134249	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	69239	20.00	ng		-0.05
63) Phenanthrene-d10	11.86	188	140627	20.00	ng		-0.05
75) Chrysene-d12	14.92	240	146517	20.00	ng		-0.08
86) Perylene-d12	16.85	264	136334	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	165062	87.93	ng		-0.03
7) Phenol-d6	6.89	99	224854	90.01	ng		-0.03
23) Nitrobenzene-d5	7.84	82	208144	90.26	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	61310	90.55	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	392066	80.75	ng		-0.05
78) Terphenyl-d14	13.59	244	462792	73.77	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	28427m	31.86	ng		
3) Pyridine	3.96	79	99672	42.00	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	43645	38.70	ng		98
6) Aniline	6.94	93	105603	30.73	ng		95
8) 2-Chlorophenol	7.06	128	92235	42.51	ng		86
9) Benzaldehyde	6.82	77	46878	32.51	ng	#	69
10) Phenol	6.90	94	126279	46.32	ng		81
11) bis(2-Chloroethyl)ether	7.01	93	83399	38.56	ng		85
12) 1,3-Dichlorobenzene	7.22	146	100796m	38.67	ng		
13) 1,4-Dichlorobenzene	7.30	146	108531	43.78	ng		96
14) 1,2-Dichlorobenzene	7.46	146	93602	38.80	ng		98
15) Benzyl Alcohol	7.41	79	77126m	37.76	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	147850	46.05	ng		85
17) 2-Methylphenol	7.52	107	76166	41.10	ng	#	89
18) Hexachloroethane	7.81	117	35033	42.45	ng	#	79
19) n-Nitroso-di-n-propylamine	7.68	70	69587	40.12	ng	#	76
20) 3+4-Methylphenols	7.67	107	103974	43.47	ng		90
22) Acetophenone	7.68	105	125092	39.98	ng	#	81
24) Nitrobenzene	7.86	77	97488	40.96	ng	#	76
25) Isophorone	8.09	82	172721	37.22	ng	#	82
26) 2-Nitrophenol	8.18	139	48601	48.78	ng	#	75
27) 2,4-Dimethylphenol	8.21	122	94926	45.69	ng	#	84
28) bis(2-Chloroethoxy)methane	8.30	93	108699	39.86	ng	#	91
29) 2,4-Dichlorophenol	8.42	162	87701	49.30	ng		98
30) 1,2,4-Trichlorobenzene	8.52	180	89593	44.34	ng		100
31) Naphthalene	8.60	128	268053m	38.19	ng		
32) Benzoic acid	8.28	122	35967	28.64	ng	#	65
33) 4-Chloroaniline	8.63	127	59202	19.71	ng	#	82
34) Hexachlorobutadiene	8.72	225	49153	39.51	ng		98
35) Caprolactam	8.97	113	22807	39.50	ng	#	77
36) 4-Chloro-3-methylphenol	9.11	107	85936	42.82	ng		87
37) 2-Methylnaphthalene	9.29	142	197372	43.47	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	90106	44.72	ng		99
40) Hexachlorocyclopentadiene	9.45	237	85697	82.45	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	64224	46.85	ng		98
43) 2,4,5-Trichlorophenol	9.60	196	60465	38.28	ng	#	87
45) 1,1'-Biphenyl	9.76	154	225133	39.96	ng		95
46) 2-Chloronaphthalene	9.78	162	181158	39.63	ng		93
47) 2-Nitroaniline	9.86	65	50692	40.40	ng	#	51
48) Acenaphthylene	10.21	152	316797	41.52	ng		98
49) Dimethylphthalate	10.05	163	212668	40.85	ng	#	97
50) 2,6-Dinitrotoluene	10.10	165	42075	40.32	ng	#	36
51) Acenaphthene	10.38	154	197774	42.38	ng		89
52) 3-Nitroaniline	10.28	138	34004	28.24	ng	#	45
53) 2,4-Dinitrophenol	10.39	184	45576	105.31	ng	#	18
54) Dibenzofuran	10.55	168	264149	39.89	ng	#	87
55) 4-Nitrophenol	10.42	139	73546	76.42	ng	#	27
56) 2,4-Dinitrotoluene	10.52	165	64381	48.62	ng	#	77
57) Fluorene	10.90	166	218694	41.62	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.66	232	50789	38.09	ng		96
59) Diethylphthalate	10.76	149	200675	38.29	ng		95
60) 4-Chlorophenyl-phenylether	10.88	204	101384	40.15	ng	#	85
61) 4-Nitroaniline	10.89	138	45751	36.79	ng	#	47
62) Azobenzene	11.04	77	209149	39.20	ng		86
64) 4,6-Dinitro-2-methylphenol	10.93	198	26979	40.54	ng	#	73
65) n-Nitrosodiphenylamine	11.00	169	185967	40.61	ng		92
66) 4-Bromophenyl-phenylether	11.38	248	67588	45.20	ng		93
67) Hexachlorobenzene	11.46	284	70656	42.52	ng	#	85
68) Atrazine	11.52	200	59543	41.16	ng		82
69) Pentachlorophenol	11.66	266	67550	71.73	ng		99
70) Phenanthrene	11.89	178	342886	40.27	ng		98
71) Anthracene	11.94	178	332836	40.60	ng		99
72) Carbazole	12.09	167	301051	38.46	ng		97
73) Di-n-butylphthalate	12.44	149	335402	37.09	ng		98
74) Fluoranthene	13.17	202	345466	38.10	ng		96
76) Benzidine	13.29	184	174656	42.65	ng		99
77) Pyrene	13.44	202	363978	40.35	ng		96
79) Butylbenzylphthalate	14.16	149	147156	40.62	ng		93
80) Benzo(a)anthracene	14.91	228	343672	38.50	ng		97
81) 3,3'-Dichlorobenzidine	14.85	252	66719	21.67	ng	#	92
82) Chrysene	14.95	228	321769	39.09	ng		95
83) Bis(2-ethylhexyl)phthalate	14.88	149	211694	36.97	ng	#	91
84) Di-n-octyl phthalate	15.74	149	356426	36.33	ng		96
85) Indeno(1,2,3-cd)pyrene	18.69	276	368315	35.49	ng	#	89
87) Benzo(b)fluoranthene	16.31	252	320697	38.85	ng	#	85
88) Benzo(k)fluoranthene	16.35	252	334829	39.83	ng	#	87
89) Benzo(a)pyrene	16.77	252	322986	41.20	ng	#	85
90) Dibenzo(a,h)anthracene	18.71	278	309949	38.63	ng	#	81
91) Benzo(g,h,i)perylene	19.24	276	307012	37.90	ng	#	77

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

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