Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089417.D
Acq On : 29 Jul 2016 19:04
Operator : UM/SJ
Sample : PB92476BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Manual Integrations APPROVED
sohil
8/1/2016 6:59:25 PM

Quant Time: Jul 30 00:58:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	40928	20.00	ng		-0.03
21) Naphthalene-d8	7.80	136	171155	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	75007	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	137822	20.00	ng		-0.03
75) Chrysene-d12	13.63	240	74320	20.00	ng		-0.03
86) Perylene-d12	14.97	264	80304	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	340581	132.87	ng		-0.01
7) Phenol-d6	6.18	99	438165	129.35	ng		-0.02
23) Nitrobenzene-d5	7.10	82	296187	102.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.33	330	78259	125.98	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	504324	98.67	ng		-0.03
78) Terphenyl-d14	12.59	244	341621	107.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	46435	39.98	ng	#	92
3) Pyridine	2.58	79	111842	44.60	ng		98
4) n-Nitrosodimethylamine	2.56	42	50652	48.89	ng		99
6) Aniline	6.18	93	98653	26.97	ng	#	73
8) 2-Chlorophenol	6.31	128	139250	48.03	ng		97
9) Benzaldehyde	6.06	77	75262	45.50	ng		96
10) Phenol	6.19	94	178749	47.82	ng		93
11) bis(2-Chloroethyl)ether	6.26	93	139549	43.94	ng		90
12) 1,3-Dichlorobenzene	6.46	146	137634m	45.38	ng		
13) 1,4-Dichlorobenzene	6.54	146	150722	45.03	ng		95
14) 1,2-Dichlorobenzene	6.68	146	146341	46.67	ng		94
15) Benzyl Alcohol	6.67	79	113036	53.77	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.81	45	153441	44.29	ng		98
17) 2-Methylphenol	6.80	107	101656	45.36	ng		98
18) Hexachloroethane	7.03	117	57476	44.79	ng	#	84
19) n-Nitroso-di-n-propylamine	6.95	70	99816	48.87	ng	#	89
20) 3+4-Methylphenols	6.96	107	142492	49.51	ng		91
22) Acetophenone	6.94	105	181984	44.66	ng	#	96
24) Nitrobenzene	7.11	77	141017	42.73	ng		90
25) Isophorone	7.35	82	274116	46.93	ng		97
26) 2-Nitrophenol	7.43	139	71709	48.60	ng	#	89
27) 2,4-Dimethylphenol	7.48	122	121170	51.55	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	176692	54.65	ng		97
29) 2,4-Dichlorophenol	7.68	162	110857	51.76	ng		98
30) 1,2,4-Trichlorobenzene	7.75	180	118198	48.37	ng		97
31) Naphthalene	7.83	128	425306	50.18	ng		100
32) Benzoic acid	7.62	122	44934	27.43	ng		98
33) 4-Chloroaniline	7.90	127	35409	10.97	ng		95
34) Hexachlorobutadiene	7.95	225	63796	45.58	ng		98
35) Caprolactam	8.26	113	30141m	46.62	ng		
36) 4-Chloro-3-methylphenol	8.39	107	119909	47.10	ng		96
37) 2-Methylnaphthalene	8.51	142	253549	49.65	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	107109	40.81	ng		99
40) Hexachlorocyclopentadiene	8.67	237	64541	85.56	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	66858	53.57	ng		96
43) 2,4,5-Trichlorophenol	8.84	196	74817	47.33	ng	#	81
45) 1,1'-Biphenyl	8.98	154	300139	47.00	ng		96
46) 2-Chloronaphthalene	9.00	162	247738	51.65	ng		93
47) 2-Nitroaniline	9.11	65	77022	54.23	ng	#	79
48) Acenaphthylene	9.40	152	373808	49.48	ng		100
49) Dimethylphthalate	9.29	163	277586	48.63	ng		98
50) 2,6-Dinitrotoluene	9.36	165	59839	51.02	ng	#	78
51) Acenaphthene	9.58	154	214653	48.66	ng		99
52) 3-Nitroaniline	9.52	138	24024	19.41	ng	#	77
53) 2,4-Dinitrophenol	9.64	184	23316	52.95	ng		88
54) Dibenzofuran	9.75	168	324752	54.02	ng		94
55) 4-Nitrophenol	9.71	139	49738m	82.31	ng		
56) 2,4-Dinitrotoluene	9.76	165	83736	54.23	ng	#	77
57) Fluorene	10.09	166	253761	48.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	56381	53.42	ng		96
59) Diethylphthalate	9.99	149	302013	52.19	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	122330	50.82	ng	#	87
61) 4-Nitroaniline	10.14	138	52238	40.94	ng		89
62) Azobenzene	10.25	77	333704	55.99	ng		90
64) 4,6-Dinitro-2-methylphenol	10.17	198	23563	30.10	ng		93
65) n-Nitrosodiphenylamine	10.22	169	235847	54.84	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	67211	51.08	ng	#	71
67) Hexachlorobenzene	10.64	284	69070	51.22	ng	#	76
68) Atrazine	10.74	200	62729	47.48	ng		94
69) Pentachlorophenol	10.83	266	49978	76.76	ng		98
70) Phenanthrene	11.04	178	335446	47.19	ng		100
71) Anthracene	11.10	178	386858	48.95	ng		100
72) Carbazole	11.26	167	310671	46.70	ng		99
73) Di-n-butylphthalate	11.60	149	458692	51.39	ng		99
74) Fluoranthene	12.22	202	307894	41.18	ng		96
76) Benzidine	12.35	184	62947	22.92	ng		97
77) Pyrene	12.44	202	302791	53.76	ng		99
79) Butylbenzylphthalate	13.07	149	134022	52.34	ng		88
80) Benzo(a)anthracene	13.62	228	205062	48.89	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	43852	29.05	ng		98
82) Chrysene	13.66	228	209365	46.90	ng		100
83) Bis(2-ethylhexyl)phthalate	13.65	149	189734	51.25	ng	#	95
84) Di-n-octyl phthalate	14.25	149	288794	50.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	251578	79.26	ng		99
87) Benzo(b)fluoranthene	14.62	252	206961m	41.50	ng		
88) Benzo(k)fluoranthene	14.64	252	232351m	50.68	ng		
89) Benzo(a)pyrene	14.91	252	219267	49.01	ng		100
90) Dibenzo(a,h)anthracene	16.16	278	212502	60.30	ng		99
91) Benzo(g,h,i)perylene	16.50	276	204736	59.10	ng		97

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

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