Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087042.D
Acq On : 15 May 2016 2:00
Operator : UM/SJ
Sample : PB90575BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Manual Integrations APPROVED
sohil
5/16/2016 6:58:56 PM

Quant Time: May 16 05:58:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	142587	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	579034	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	268250	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	520362	20.00	ng		0.00
75) Chrysene-d12	13.75	240	338153	20.00	ng		-0.01
86) Perylene-d12	15.11	264	307432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	881678	104.72	ng		0.01
7) Phenol-d6	6.28	99	1193196	106.04	ng		0.00
23) Nitrobenzene-d5	7.19	82	787127	68.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	312539	110.05	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1294308	81.09	ng		0.00
78) Terphenyl-d14	12.71	244	1116053	70.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	122075	29.53	ng	#	65
3) Pyridine	2.79	79	277354	27.45	ng	#	65
4) n-Nitrosodimethylamine	2.74	42	263615	35.97	ng	#	49
6) Aniline	6.28	93	268157	19.70	ng	#	20
8) 2-Chlorophenol	6.40	128	350421	34.49	ng		83
9) Benzaldehyde	6.17	77	21758	3.34	ng		99
10) Phenol	6.30	94	470959	35.21	ng		87
11) bis(2-Chloroethyl)ether	6.35	93	323331	31.00	ng	#	81
12) 1,3-Dichlorobenzene	6.55	146	364011	33.11	ng	#	95
13) 1,4-Dichlorobenzene	6.63	146	379370	33.84	ng		95
14) 1,2-Dichlorobenzene	6.78	146	329544	33.72	ng		94
15) Benzyl Alcohol	6.78	79	312055	40.16	ng		88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	694139	30.61	ng		54
17) 2-Methylphenol	6.90	107	290304	35.91	ng	#	81
18) Hexachloroethane	7.12	117	142281	33.73	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	261055	33.20	ng	#	61
20) 3+4-Methylphenols	7.06	107	386567	36.61	ng	#	60
22) Acetophenone	7.04	105	507368	37.10	ng	#	94
24) Nitrobenzene	7.21	77	409090	34.49	ng		92
25) Isophorone	7.45	82	730633	34.15	ng		96
26) 2-Nitrophenol	7.52	139	175666	33.69	ng	#	65
27) 2,4-Dimethylphenol	7.59	122	306921	34.55	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	450938	39.07	ng		99
29) 2,4-Dichlorophenol	7.78	162	279307	35.73	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	299221	34.23	ng		95
31) Naphthalene	7.92	128	985242	33.97	ng		99
32) Benzoic acid	7.74	122	164646	31.56	ng	#	83
33) 4-Chloroaniline	7.99	127	168552	14.96	ng	#	95
34) Hexachlorobutadiene	8.04	225	176387	34.78	ng		98
35) Caprolactam	8.35	113	89885	33.79	ng	#	38
36) 4-Chloro-3-methylphenol	8.49	107	327734	34.57	ng		93
37) 2-Methylnaphthalene	8.62	142	680076	40.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	261982	33.59	ng		98
40) Hexachlorocyclopentadiene	8.76	237	232661	62.85	ng		94

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Quant Time: May 16 05:58:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	177424	34.02	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	177156	32.85	ng		96
45) 1,1'-Biphenyl	9.07	154	794000	37.21	ng		96
46) 2-Chloronaphthalene	9.10	162	585462	35.02	ng		92
47) 2-Nitroaniline	9.21	65	241606	39.55	ng	#	76
48) Acenaphthylene	9.51	152	892818	36.31	ng		98
49) Dimethylphthalate	9.39	163	764306	37.35	ng		99
50) 2,6-Dinitrotoluene	9.45	165	147618	34.27	ng	#	73
51) Acenaphthene	9.68	154	540773	35.36	ng		99
52) 3-Nitroaniline	9.62	138	101476	22.38	ng		82
53) 2,4-Dinitrophenol	9.74	184	93568	46.12	ng		90
54) Dibenzofuran	9.85	168	786768	40.07	ng		91
55) 4-Nitrophenol	9.82	139	181799m	61.26	ng		
56) 2,4-Dinitrotoluene	9.86	165	194056	36.41	ng	#	77
57) Fluorene	10.19	166	601344	35.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	161748	39.83	ng		96
59) Diethylphthalate	10.09	149	745308	37.37	ng		96
60) 4-Chlorophenyl-phenylether	10.19	204	307229	41.32	ng		90
61) 4-Nitroaniline	10.24	138	159252	36.57	ng	#	73
62) Azobenzene	10.35	77	884160	41.09	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	90382	27.96	ng	#	42
65) n-Nitrosodiphenylamine	10.32	169	603054	37.72	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	173899	32.96	ng	#	88
67) Hexachlorobenzene	10.74	284	228400	37.04	ng	#	92
68) Atrazine	10.85	200	167455	31.36	ng		94
69) Pentachlorophenol	10.95	266	179631	63.04	ng		96
70) Phenanthrene	11.15	178	1017415	36.64	ng		100
71) Anthracene	11.20	178	959097	33.77	ng		99
72) Carbazole	11.37	167	886156	36.30	ng		99
73) Di-n-butylphthalate	11.70	149	1140999	38.27	ng		99
74) Fluoranthene	12.33	202	991195	34.70	ng		96
76) Benzidine	12.47	184	230884	26.78	ng		96
77) Pyrene	12.56	202	1040020	40.17	ng		100
79) Butylbenzylphthalate	13.19	149	439277	40.12	ng	#	74
80) Benzo(a)anthracene	13.74	228	718536	37.85	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	156545	12.98	ng	#	97
82) Chrysene	13.78	228	748633	38.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	565534	42.93	ng	#	96
84) Di-n-octyl phthalate	14.35	149	906966	41.57	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.35	276	666132	41.46	ng		95
87) Benzo(b)fluoranthene	14.74	252	621708m	31.12	ng		
88) Benzo(k)fluoranthene	14.77	252	607823m	37.15	ng		
89) Benzo(a)pyrene	15.06	252	606510	35.19	ng	#	96
90) Dibenzo(a,h)anthracene	16.37	278	553147	38.08	ng		97
91) Benzo(g,h,i)perylene	16.73	276	556113	37.68	ng	#	90

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

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