Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085717.D
Acq On : 24 Mar 2016 16:28
Operator : UM/SJ
Sample : PB88875BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:23 PM

Quant Time: Mar 25 01:08:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106363	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	416980	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	202840	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	387000	20.00	ng		0.00
75) Chrysene-d12	13.98	240	278532	20.00	ng		0.00
86) Perylene-d12	15.40	264	185866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	751478	117.67	ng		0.02
7) Phenol-d6	6.46	99	881841	108.60	ng		0.00
23) Nitrobenzene-d5	7.40	82	585482	79.07	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	212998	110.52	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1025299	84.45	ng		0.00
78) Terphenyl-d14	12.93	244	923169	68.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	92063	30.19	ng		97
3) Pyridine	3.19	79	269327	36.84	ng		100
4) n-Nitrosodimethylamine	3.13	42	115482	39.46	ng		99
6) Aniline	6.48	93	252937	23.14	ng	#	71
8) 2-Chlorophenol	6.61	128	286866	38.66	ng		96
9) Benzaldehyde	6.37	77	55941	11.43	ng		94
10) Phenol	6.47	94	306762	33.35	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	259641	36.68	ng		98
12) 1,3-Dichlorobenzene	6.77	146	288775	36.14	ng		99
13) 1,4-Dichlorobenzene	6.84	146	288739	35.63	ng		99
14) 1,2-Dichlorobenzene	7.00	146	289365	38.32	ng		99
15) Benzyl Alcohol	6.97	79	237465	43.83	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	339649	36.16	ng		97
17) 2-Methylphenol	7.09	107	247007	41.58	ng		98
18) Hexachloroethane	7.34	117	112332	37.86	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	185219	38.10	ng		92
20) 3+4-Methylphenols	7.24	107	275819	38.62	ng		93
22) Acetophenone	7.24	105	354572	36.50	ng	#	99
24) Nitrobenzene	7.41	77	270675	35.46	ng		99
25) Isophorone	7.65	82	537267	37.67	ng		99
26) 2-Nitrophenol	7.73	139	148557	38.90	ng		92
27) 2,4-Dimethylphenol	7.77	122	284270	42.59	ng		93
28) bis(2-Chloroethoxy)methane	7.86	93	355891	43.79	ng		99
29) 2,4-Dichlorophenol	7.97	162	223956	39.91	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	230940	37.07	ng		99
31) Naphthalene	8.13	128	780420	37.14	ng		99
32) Benzoic acid	7.90	122	166132	37.48	ng		95
33) 4-Chloroaniline	8.18	127	108548	12.65	ng		98
34) Hexachlorobutadiene	8.25	225	128650	38.00	ng		100
35) Caprolactam	8.55	113	75277m	37.87	ng		
36) 4-Chloro-3-methylphenol	8.68	107	274949	41.95	ng		92
37) 2-Methylnaphthalene	8.82	142	555585	45.47	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	220401	36.64	ng		99
40) Hexachlorocyclopentadiene	8.97	237	191176	76.69	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	158160	38.93	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	166289	39.03	ng	#	83
45) 1,1'-Biphenyl	9.29	154	645352	37.70	ng		94
46) 2-Chloronaphthalene	9.32	162	513869	40.83	ng		98
47) 2-Nitroaniline	9.41	65	141275	36.71	ng		88
48) Acenaphthylene	9.73	152	826690	40.31	ng		99
49) Dimethylphthalate	9.59	163	568072	36.91	ng		99
50) 2,6-Dinitrotoluene	9.66	165	133747	40.38	ng	#	62
51) Acenaphthene	9.90	154	482674	38.53	ng		99
52) 3-Nitroaniline	9.82	138	81211	21.42	ng		97
53) 2,4-Dinitrophenol	9.93	184	128895	77.24	ng	#	83
54) Dibenzofuran	10.07	168	693969	42.80	ng		98
55) 4-Nitrophenol	9.99	139	202181	81.85	ng		96
56) 2,4-Dinitrotoluene	10.06	165	173562	41.22	ng	#	64
57) Fluorene	10.41	166	564082	41.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	128371	43.35	ng		98
59) Diethylphthalate	10.29	149	569334	37.45	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	233259	35.40	ng		96
61) 4-Nitroaniline	10.44	138	139252	38.40	ng		90
62) Azobenzene	10.56	77	620428	42.46	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	92764	40.93	ng	#	62
65) n-Nitrosodiphenylamine	10.53	169	506964	41.36	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	159489	40.28	ng		97
67) Hexachlorobenzene	10.96	284	172421	41.64	ng		97
68) Atrazine	11.05	200	157492	38.06	ng		98
69) Pentachlorophenol	11.16	266	171266	84.25	ng		100
70) Phenanthrene	11.37	178	861735	43.37	ng		100
71) Anthracene	11.42	178	788065	37.78	ng		100
72) Carbazole	11.58	167	747374	42.67	ng		100
73) Di-n-butylphthalate	11.91	149	977848	40.69	ng		100
74) Fluoranthene	12.55	202	813594	38.52	ng		100
76) Benzidine	12.68	184	246389	25.12	ng		99
77) Pyrene	12.78	202	822020	35.90	ng		99
79) Butylbenzylphthalate	13.41	149	358631	37.40	ng		95
80) Benzo(a)anthracene	13.97	228	615049	38.73	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	79761	7.24	ng	#	97
82) Chrysene	14.00	228	529504	33.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	432304	37.66	ng		100
84) Di-n-octyl phthalate	14.57	149	668233	39.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	445216	36.04	ng		99
87) Benzo(b)fluoranthene	15.00	252	528137m	45.11	ng		
88) Benzo(k)fluoranthene	15.02	252	385403m	36.51	ng		
89) Benzo(a)pyrene	15.34	252	427647	41.13	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	371923	38.50	ng		99
91) Benzo(g,h,i)perylene	17.19	276	380407	38.89	ng		97

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

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