Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086755.D
Acq On : 7 May 2016 6:08
Operator : UM/SJ
Sample : PB90362BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90362BS

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:29 PM

Quant Time: May 07 06:38:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165511	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	678103	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	322707	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	545415	40.00	ng		-0.01
75) Chrysene-d12	13.85	240	357221	40.00	ng		-0.01
86) Perylene-d12	15.23	264	330073	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1218307	121.86	ng		0.00
7) Phenol-d6	6.37	99	1543575	114.62	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1046573	79.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	361350	114.47	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	1583867	80.45	ng		-0.01
78) Terphenyl-d14	12.81	244	1590179	89.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	151619	29.34	ng	#	76
3) Pyridine	3.04	79	429341	33.88	ng	#	67
4) n-Nitrosodimethylamine	2.94	42	319735	41.60	ng	#	50
6) Aniline	6.38	93	281796	16.95	ng	#	1
8) 2-Chlorophenol	6.50	128	472207	39.36	ng		95
9) Benzaldehyde	6.26	77	49548	7.37	ng		97
10) Phenol	6.38	94	657577	44.63	ng		80
11) bis(2-Chloroethyl)ether	6.45	93	469682	37.04	ng		90
12) 1,3-Dichlorobenzene	6.65	146	486202	38.17	ng		99
13) 1,4-Dichlorobenzene	6.73	146	477152	36.22	ng		100
14) 1,2-Dichlorobenzene	6.88	146	451607	39.37	ng		99
15) Benzyl Alcohol	6.86	79	371175	42.60	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	962645	37.13	ng		52
17) 2-Methylphenol	6.99	107	387155	40.08	ng	#	84
18) Hexachloroethane	7.22	117	192085	38.63	ng	#	84
19) n-Nitroso-di-n-propylamine	7.14	70	384074	41.74	ng	#	75
20) 3+4-Methylphenols	7.15	107	489903	43.31	ng	#	59
22) Acetophenone	7.13	105	651488	41.23	ng		99
24) Nitrobenzene	7.30	77	553199	40.55	ng		98
25) Isophorone	7.54	82	940841	38.29	ng		98
26) 2-Nitrophenol	7.62	139	252774	41.53	ng		94
27) 2,4-Dimethylphenol	7.66	122	411641	38.51	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	590028	43.62	ng		98
29) 2,4-Dichlorophenol	7.86	162	375856	40.90	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	417906	40.76	ng		100
31) Naphthalene	8.02	128	1352425	39.04	ng		99
32) Benzoic acid	7.82	122	262892	60.41	ng	#	84
33) 4-Chloroaniline	8.08	127	129402	9.64	ng	#	94
34) Hexachlorobutadiene	8.13	225	238217	40.92	ng		99
35) Caprolactam	8.46	113	112791m	39.65	ng		
36) 4-Chloro-3-methylphenol	8.58	107	448920	42.82	ng		97
37) 2-Methylnaphthalene	8.70	142	863962	42.27	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	369121	39.52	ng		98
40) Hexachlorocyclopentadiene	8.85	237	425325	97.35	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	253321	42.65	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	263704	42.50	ng		93
45) 1,1'-Biphenyl	9.17	154	1134209	42.99	ng		99
46) 2-Chloronaphthalene	9.20	162	836551	41.09	ng		98
47) 2-Nitroaniline	9.30	65	275940	38.12	ng	#	75
48) Acenaphthylene	9.61	152	1259179	41.66	ng		99
49) Dimethylphthalate	9.48	163	918461	38.18	ng		100
50) 2,6-Dinitrotoluene	9.54	165	191327	37.06	ng	#	68
51) Acenaphthene	9.78	154	801315	40.19	ng		98
52) 3-Nitroaniline	9.71	138	91620	15.61	ng	#	78
53) 2,4-Dinitrophenol	9.82	184	178962	82.62	ng	#	82
54) Dibenzofuran	9.95	168	1068461	43.24	ng		95
55) 4-Nitrophenol	9.90	139	240114	70.17	ng		84
56) 2,4-Dinitrotoluene	9.95	165	263115	41.12	ng	#	83
57) Fluorene	10.29	166	897239	44.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	229933	50.45	ng		99
59) Diethylphthalate	10.18	149	918078	40.32	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	357137	37.51	ng		98
61) 4-Nitroaniline	10.33	138	201391	35.71	ng	#	68
62) Azobenzene	10.44	77	1062843	42.12	ng		86
64) 4,6-Dinitro-2-methylphenol	10.35	198	133655	48.35	ng	#	46
65) n-Nitrosodiphenylamine	10.41	169	710870	41.05	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	248815	45.91	ng		91
67) Hexachlorobenzene	10.83	284	257464	38.95	ng	#	67
68) Atrazine	10.94	200	255555	48.15	ng		95
69) Pentachlorophenol	11.04	266	283811	87.86	ng		99
70) Phenanthrene	11.24	178	1201214	41.00	ng		99
71) Anthracene	11.30	178	1291545	42.10	ng		100
72) Carbazole	11.46	167	1071184	40.21	ng		99
73) Di-n-butylphthalate	11.79	149	1280478	40.49	ng	#	98
74) Fluoranthene	12.43	202	1279414	43.58	ng		95
76) Benzidine	12.57	184	312409	34.30	ng		95
77) Pyrene	12.66	202	1301568	45.70	ng		99
79) Butylbenzylphthalate	13.29	149	596172	49.98	ng		95
80) Benzo(a)anthracene	13.84	228	905667	44.83	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	144652	11.39	ng	#	96
82) Chrysene	13.88	228	1003220	46.55	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	720099	52.17	ng	#	100
84) Di-n-octyl phthalate	14.45	149	1292844	63.65	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.53	276	801133	43.32	ng		96
87) Benzo(b)fluoranthene	14.84	252	1068887m	53.89	ng		
88) Benzo(k)fluoranthene	14.88	252	664568m	35.56	ng		
89) Benzo(a)pyrene	15.17	252	771323	42.22	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	670194	38.19	ng	#	94
91) Benzo(g,h,i)perylene	16.92	276	643397	34.92	ng	#	90

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

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