Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086780.D
Acq On : 7 May 2016 18:08
Operator : UM/SJ
Sample : PB90240BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: May 08 00:20:39 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 23:59:39 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB90240BS

Manual Integrations APPROVED
Sohil
5/9/2016 7:20:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168373	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	698743	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	334899	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	573785	40.00	ng		0.00
75) Chrysene-d12	13.85	240	396445	40.00	ng		0.00
86) Perylene-d12	15.23	264	327109	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1289158	126.75	ng		0.02
7) Phenol-d6	6.37	99	1671693	122.02	ng		0.00
23) Nitrobenzene-d5	7.28	82	1044699	76.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	389776	118.98	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1663316	81.41	ng		0.00
78) Terphenyl-d14	12.81	244	1587071	80.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	163457	31.09	ng	#	74
3) Pyridine	3.02	79	358185	27.79	ng	#	71
4) n-Nitrosodimethylamine	2.96	42	308739	39.49	ng	#	56
6) Aniline	6.37	93	309916	18.33	ng	#	1
8) 2-Chlorophenol	6.50	128	472908	38.75	ng		98
9) Benzaldehyde	6.26	77	45203	6.61	ng		99
10) Phenol	6.38	94	582800	38.88	ng		83
11) bis(2-Chloroethyl)ether	6.45	93	509182	39.47	ng		93
12) 1,3-Dichlorobenzene	6.64	146	477439m	36.84	ng		
13) 1,4-Dichlorobenzene	6.72	146	482704m	36.02	ng		
14) 1,2-Dichlorobenzene	6.88	146	458159	39.27	ng		99
15) Benzyl Alcohol	6.86	79	390070	44.01	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	951134	36.06	ng		66
17) 2-Methylphenol	6.99	107	383229	39.00	ng	#	82
18) Hexachloroethane	7.21	117	190489	37.65	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	372541	39.80	ng	#	81
20) 3+4-Methylphenols	7.14	107	498771	43.35	ng	#	69
22) Acetophenone	7.13	105	670087	41.16	ng		98
24) Nitrobenzene	7.30	77	573214	40.78	ng		94
25) Isophorone	7.54	82	984285	38.87	ng		99
26) 2-Nitrophenol	7.62	139	248452	39.61	ng		96
27) 2,4-Dimethylphenol	7.66	122	412135	37.42	ng		89
28) bis(2-Chloroethoxy)methane	7.76	93	616153	44.21	ng		99
29) 2,4-Dichlorophenol	7.86	162	383684	40.52	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	424517	40.18	ng		98
31) Naphthalene	8.01	128	1344888	37.67	ng		99
32) Benzoic acid	7.82	122	277634	61.70	ng	#	84
33) 4-Chloroaniline	8.08	127	124174	8.98	ng	#	95
34) Hexachlorobutadiene	8.13	225	242438	40.42	ng		98
35) Caprolactam	8.46	113	124143m	42.35	ng		
36) 4-Chloro-3-methylphenol	8.58	107	456415	42.25	ng		99
37) 2-Methylnaphthalene	8.70	142	904730	42.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	362107	37.35	ng		98
40) Hexachlorocyclopentadiene	8.85	237	405831	90.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	254862	41.35	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	254709	39.55	ng	#	78
45) 1,1'-Biphenyl	9.17	154	1142272	41.72	ng		99
46) 2-Chloronaphthalene	9.20	162	830395	39.30	ng		99
47) 2-Nitroaniline	9.30	65	295088	39.28	ng	#	77
48) Acenaphthylene	9.61	152	1293537	41.24	ng		99
49) Dimethylphthalate	9.48	163	980980	39.29	ng		100
50) 2,6-Dinitrotoluene	9.54	165	197652	36.89	ng	#	77
51) Acenaphthene	9.78	154	815987	39.44	ng		99
52) 3-Nitroaniline	9.71	138	110528	18.15	ng		81
53) 2,4-Dinitrophenol	9.82	184	217940	90.94	ng	#	79
54) Dibenzofuran	9.95	168	1132136	44.15	ng		97
55) 4-Nitrophenol	9.89	139	224752	63.29	ng	#	38
56) 2,4-Dinitrotoluene	9.95	165	256041	38.56	ng	#	83
57) Fluorene	10.29	166	893192	42.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	230738	48.78	ng		99
59) Diethylphthalate	10.18	149	991729	41.97	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	373784	37.83	ng		98
61) 4-Nitroaniline	10.33	138	197081	33.67	ng	#	69
62) Azobenzene	10.44	77	1144184	43.70	ng		87
64) 4,6-Dinitro-2-methylphenol	10.35	198	147161	49.99	ng	#	59
65) n-Nitrosodiphenylamine	10.41	169	764004	41.93	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	254949	44.71	ng	#	87
67) Hexachlorobenzene	10.83	284	270407	38.89	ng	#	74
68) Atrazine	10.94	200	276890	49.59	ng		95
69) Pentachlorophenol	11.04	266	301242	88.60	ng		99
70) Phenanthrene	11.24	178	1156227	37.52	ng		99
71) Anthracene	11.30	178	1344329	41.65	ng		100
72) Carbazole	11.46	167	1109064	39.57	ng		99
73) Di-n-butylphthalate	11.79	149	1356576	40.77	ng	#	99
74) Fluoranthene	12.43	202	1314588	42.56	ng		92
76) Benzidine	12.56	184	320121	32.21	ng		96
77) Pyrene	12.65	202	1215110	38.45	ng		99
79) Butylbenzylphthalate	13.28	149	543426	41.05	ng	#	65
80) Benzo(a)anthracene	13.84	228	871308	38.86	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	162696	11.55	ng	#	95
82) Chrysene	13.87	228	856398	35.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	680673	44.43	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1295645	57.48	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.52	276	750940	36.59	ng		96
87) Benzo(b)fluoranthene	14.84	252	773915m	39.37	ng		
88) Benzo(k)fluoranthene	14.88	252	834819m	45.08	ng		
89) Benzo(a)pyrene	15.17	252	763764	42.19	ng		98
90) Dibenzo(a,h)anthracene	16.53	278	631869	36.33	ng		98
91) Benzo(g,h,i)perylene	16.91	276	611954	33.51	ng	#	93

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

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