Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087037.D
Acq On : 14 May 2016 23:34
Operator : UM/SJ
Sample : PB90490BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90490BS

Manual Integrations APPROVED
sohil
5/16/2016 6:58:44 PM

Quant Time: May 16 05:39:54 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	134957	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	550368	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	261736	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	502673	20.00	ng		0.00
75) Chrysene-d12	13.76	240	328579	20.00	ng		0.00
86) Perylene-d12	15.11	264	305961	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	946554	118.78	ng		0.01
7) Phenol-d6	6.28	99	1244457	116.85	ng		0.00
23) Nitrobenzene-d5	7.19	82	868475	79.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	371262	133.99	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1415177	90.87	ng		0.00
78) Terphenyl-d14	12.71	244	1243194	80.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	129650	33.14	ng	#	64
3) Pyridine	2.78	79	363809	38.04	ng	#	65
4) n-Nitrosodimethylamine	2.73	42	294623	42.48	ng	#	47
6) Aniline	6.28	93	259838	20.17	ng	#	36
8) 2-Chlorophenol	6.40	128	391377	40.70	ng	#	80
9) Benzaldehyde	6.17	77	22823	3.70	ng		97
10) Phenol	6.30	94	560525	44.28	ng		79
11) bis(2-Chloroethyl)ether	6.36	93	418593	42.41	ng		96
12) 1,3-Dichlorobenzene	6.55	146	400766	38.51	ng	#	93
13) 1,4-Dichlorobenzene	6.63	146	415419	39.15	ng	#	94
14) 1,2-Dichlorobenzene	6.78	146	361344m	39.07	ng		
15) Benzyl Alcohol	6.78	79	362489	49.29	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	792526	36.93	ng		55
17) 2-Methylphenol	6.90	107	328250	42.90	ng	#	80
18) Hexachloroethane	7.12	117	158681	39.74	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	327134	43.95	ng	#	81
20) 3+4-Methylphenols	7.06	107	439919	44.02	ng	#	61
22) Acetophenone	7.04	105	581395	44.72	ng		97
24) Nitrobenzene	7.21	77	485260	43.04	ng		93
25) Isophorone	7.45	82	842227	41.41	ng		97
26) 2-Nitrophenol	7.53	139	198769	40.11	ng		94
27) 2,4-Dimethylphenol	7.59	122	358531	42.47	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	511319	46.61	ng		98
29) 2,4-Dichlorophenol	7.78	162	321281	43.24	ng		92
30) 1,2,4-Trichlorobenzene	7.85	180	351758	42.34	ng		99
31) Naphthalene	7.92	128	1098015	39.83	ng		99
32) Benzoic acid	7.74	122	178627	36.02	ng	#	82
33) 4-Chloroaniline	7.99	127	147881	13.81	ng	#	94
34) Hexachlorobutadiene	8.04	225	205706	42.67	ng		99
35) Caprolactam	8.36	113	105406m	41.69	ng		
36) 4-Chloro-3-methylphenol	8.49	107	353809	39.26	ng		87
37) 2-Methylnaphthalene	8.62	142	778647	48.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	299572	39.37	ng		97
40) Hexachlorocyclopentadiene	8.76	237	262781	72.75	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	211159	41.50	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	198199	37.66	ng		95
45) 1,1'-Biphenyl	9.08	154	933790	44.85	ng		99
46) 2-Chloronaphthalene	9.10	162	656941	40.28	ng	#	92
47) 2-Nitroaniline	9.21	65	273794	45.93	ng	#	75
48) Acenaphthylene	9.51	152	1029123	42.90	ng		99
49) Dimethylphthalate	9.39	163	859643	43.05	ng		100
50) 2,6-Dinitrotoluene	9.45	165	167232	39.79	ng	#	68
51) Acenaphthene	9.68	154	618339	41.43	ng		98
52) 3-Nitroaniline	9.62	138	99678	22.53	ng		84
53) 2,4-Dinitrophenol	9.74	184	102631	50.89	ng		89
54) Dibenzofuran	9.85	168	909780	47.49	ng		91
55) 4-Nitrophenol	9.82	139	167746m	58.18	ng		
56) 2,4-Dinitrotoluene	9.86	165	237556	45.68	ng	#	84
57) Fluorene	10.19	166	661304	40.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	188684	47.62	ng		95
59) Diethylphthalate	10.09	149	859790	44.18	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	344406	49.73	ng		94
61) 4-Nitroaniline	10.24	138	175444	41.29	ng	#	68
62) Azobenzene	10.35	77	1048220	49.93	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	91936	29.44	ng	#	17
65) n-Nitrosodiphenylamine	10.32	169	701418	45.42	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	210704	41.34	ng	#	74
67) Hexachlorobenzene	10.74	284	254398	42.71	ng	#	87
68) Atrazine	10.86	200	233395	45.24	ng		94
69) Pentachlorophenol	10.95	266	203680	73.99	ng		96
70) Phenanthrene	11.15	178	1171963	43.69	ng		99
71) Anthracene	11.20	178	1089270	39.70	ng		100
72) Carbazole	11.37	167	1086795	46.08	ng		100
73) Di-n-butylphthalate	11.70	149	1264177	43.89	ng	#	99
74) Fluoranthene	12.33	202	1094447	39.67	ng		98
76) Benzidine	12.47	184	231830	27.68	ng		96
77) Pyrene	12.56	202	1184638	47.09	ng		100
79) Butylbenzylphthalate	13.19	149	498992	46.90	ng	#	72
80) Benzo(a)anthracene	13.75	228	852422	46.21	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	161890	13.81	ng	#	98
82) Chrysene	13.78	228	886615	47.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	611147	47.75	ng	#	94
84) Di-n-octyl phthalate	14.35	149	1064988	50.23	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.37	276	778688	49.88	ng		95
87) Benzo(b)fluoranthene	14.74	252	730886m	36.76	ng		
88) Benzo(k)fluoranthene	14.77	252	751035m	46.13	ng		
89) Benzo(a)pyrene	15.06	252	741718	43.25	ng		98
90) Dibenzo(a,h)anthracene	16.37	278	646395	44.72	ng		98
91) Benzo(g,h,i)perylene	16.73	276	665416	45.31	ng	#	91

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

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