Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093951.D
Acq On : 27 Mar 2017 19:33
Operator : SJ/MA
Sample : PB97837BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97837BS

Manual Integrations APPROVED
mohammad
3/28/2017 3:43:15 PM

Quant Time: Mar 28 00:40:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	157320	20.00	ng		-0.01
21) Naphthalene-d8	7.45	136	638002	20.00	ng		-0.01
38) Acenaphthene-d10	9.59	164	296639	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	529489	20.00	ng		0.00
75) Chrysene-d12	14.67	240	440070	20.00	ng		-0.01
86) Perylene-d12	16.30	264	354146	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.48	112	1129962	121.31	ng		0.00
7) Phenol-d6	5.54	99	1432185	124.29	ng		-0.01
23) Nitrobenzene-d5	6.59	82	874731	78.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	322394	137.54	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	1629158	83.77	ng		-0.01
78) Terphenyl-d14	13.39	244	1383155	70.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	154598	34.55	ng		97
3) Pyridine	2.85	79	445369	36.52	ng		99
4) n-Nitrosodimethylamine	2.80	42	195970	39.05	ng		91
6) Aniline	5.56	93	280579	17.50	ng	#	87
8) 2-Chlorophenol	5.70	128	432657	42.26	ng		95
9) Benzaldehyde	5.43	77	95162	12.23	ng		96
10) Phenol	5.56	94	515929	39.35	ng		98
11) bis(2-Chloroethyl)ether	5.65	93	401143	39.15	ng		97
12) 1,3-Dichlorobenzene	5.87	146	459336	40.00	ng		99
13) 1,4-Dichlorobenzene	5.96	146	463558	39.85	ng		97
14) 1,2-Dichlorobenzene	6.13	146	430620	40.20	ng		98
15) Benzyl Alcohol	6.10	79	364507	43.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.27	45	566910	35.90	ng		97
17) 2-Methylphenol	6.25	107	364961	41.62	ng		97
18) Hexachloroethane	6.53	117	163815	40.07	ng	#	81
19) n-Nitroso-di-n-propylamine	6.42	70	290031	39.16	ng		99
20) 3+4-Methylphenols	6.42	107	451451	42.51	ng	#	69
22) Acetophenone	6.41	105	594144	41.78	ng	#	89
24) Nitrobenzene	6.61	77	436773	39.61	ng		93
25) Isophorone	6.90	82	790953	40.26	ng		95
26) 2-Nitrophenol	6.99	139	242212	46.06	ng		97
27) 2,4-Dimethylphenol	7.05	122	397808	43.91	ng		99
28) bis(2-Chloroethoxy)methane	7.16	93	504466	38.94	ng		99
29) 2,4-Dichlorophenol	7.28	162	375074	44.28	ng		99
30) 1,2,4-Trichlorobenzene	7.38	180	363886	41.71	ng		100
31) Naphthalene	7.47	128	1220163	39.77	ng		100
32) Benzoic acid	7.20	122	283916	47.07	ng		94
33) 4-Chloroaniline	7.53	127	132673	10.67	ng		92
34) Hexachlorobutadiene	7.63	225	181786	40.63	ng		99
35) Caprolactam	7.97	113	126876m	46.97	ng		
36) 4-Chloro-3-methylphenol	8.15	107	397274	44.88	ng		91
37) 2-Methylnaphthalene	8.32	142	861743	42.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	310893	38.31	ng		99
40) Hexachlorocyclopentadiene	8.52	237	335855	88.44	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	260233	45.33	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	259489	41.77	ng		95
45) 1,1'-Biphenyl	8.89	154	963181	40.26	ng		99
46) 2-Chloronaphthalene	8.91	162	755330	40.33	ng		95
47) 2-Nitroaniline	9.03	65	235919	42.46	ng		90
48) Acenaphthylene	9.42	152	1237507	39.76	ng		99
49) Dimethylphthalate	9.28	163	905036	42.92	ng		99
50) 2,6-Dinitrotoluene	9.34	165	206291	42.68	ng	#	84
51) Acenaphthene	9.63	154	727063	40.03	ng		99
52) 3-Nitroaniline	9.54	138	100626	17.73	ng		88
53) 2,4-Dinitrophenol	9.67	184	228674	87.91	ng	#	76
54) Dibenzofuran	9.85	168	1069854	43.27	ng		100
55) 4-Nitrophenol	9.78	139	370259	83.30	ng	#	73
56) 2,4-Dinitrotoluene	9.84	165	263304	43.36	ng	#	76
57) Fluorene	10.26	166	809778	39.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	199860	46.89	ng		98
59) Diethylphthalate	10.15	149	885545	42.49	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	347349	39.77	ng		89
61) 4-Nitroaniline	10.30	138	227407	41.75	ng		94
62) Azobenzene	10.47	77	860673	43.66	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	148593	45.82	ng	#	74
65) n-Nitrosodiphenylamine	10.42	169	753556	41.15	ng		97
66) 4-Bromophenyl-phenylether	10.87	248	213974	41.09	ng		96
67) Hexachlorobenzene	10.95	284	224537	42.59	ng	#	92
68) Atrazine	11.09	200	229900	41.92	ng		96
69) Pentachlorophenol	11.19	266	245503	74.82	ng		99
70) Phenanthrene	11.45	178	1200143	40.75	ng		99
71) Anthracene	11.51	178	1245361	41.06	ng		99
72) Carbazole	11.71	167	1181864	38.00	ng		98
73) Di-n-butylphthalate	12.16	149	1373690	42.48	ng		100
74) Fluoranthene	12.91	202	1252311	41.52	ng		99
76) Benzidine	13.07	184	465748	26.74	ng	#	93
77) Pyrene	13.19	202	1258786	39.41	ng		100
79) Butylbenzylphthalate	14.00	149	597738	43.93	ng	#	83
80) Benzo(a)anthracene	14.66	228	1063728	41.45	ng		99
81) 3,3'-Dichlorobenzidine	14.63	252	172937	18.85	ng	#	96
82) Chrysene	14.70	228	914969	38.42	ng		99
83) Bis(2-ethylhexyl)phthalate	14.72	149	794481	42.79	ng	#	99
84) Di-n-octyl phthalate	15.47	149	1376115	44.37	ng		98
85) Indeno(1,2,3-cd)pyrene	17.67	276	764305	37.06	ng		99
87) Benzo(b)fluoranthene	15.89	252	916524	42.22	ng		99
88) Benzo(k)fluoranthene	15.92	252	881119	41.48	ng		96
89) Benzo(a)pyrene	16.24	252	828449	41.44	ng		100
90) Dibenzo(a,h)anthracene	17.70	278	629477	37.18	ng		99
91) Benzo(g,h,i)perylene	18.08	276	616169	36.11	ng		98

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

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