Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095928.D
Acq On : 14 Jun 2017 18:09
Operator : SJ/MA
Sample : PB99714BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99714BS

Manual Integrations APPROVED
mohammad
6/15/2017 3:55:13 PM

Quant Time: Jun 15 01:42:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	70081	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	295368	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	136917	20.00	ng		-0.06
63) Phenanthrene-d10	14.58	188	249481	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	193374	20.00	ng		-0.05
86) Perylene-d12	19.97	264	153362	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	373086	84.83	ng		-0.05
7) Phenol-d6	6.90	99	445535	84.62	ng		-0.05
23) Nitrobenzene-d5	8.26	82	398882	83.87	ng		-0.06
41) 2,4,6-Tribromophenol	13.49	330	104175	86.00	ng		-0.06
44) 2-Fluorobiphenyl	11.15	172	805258	81.84	ng		-0.06
78) Terphenyl-d14	16.96	244	740922	95.09	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	65219	31.17	ng	#	92
3) Pyridine	2.26	79	163613	33.27	ng		97
4) n-Nitrosodimethylamine	2.23	42	69323	37.08	ng		82
6) Aniline	6.83	93	195195	28.34	ng		96
8) 2-Chlorophenol	7.02	128	200821	42.94	ng		97
9) Benzaldehyde	6.65	77	62071	17.48	ng		98
10) Phenol	6.92	94	237272	43.44	ng		91
11) bis(2-Chloroethyl)ether	6.98	93	180509	41.72	ng		94
12) 1,3-Dichlorobenzene	7.23	146	208538	39.40	ng		98
13) 1,4-Dichlorobenzene	7.36	146	214407	39.94	ng		98
14) 1,2-Dichlorobenzene	7.59	146	202576	40.94	ng		95
15) Benzyl Alcohol	7.65	79	158459	43.85	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.83	45	246554	40.56	ng		94
17) 2-Methylphenol	7.87	107	165011	42.05	ng		94
18) Hexachloroethane	8.11	117	73557	41.49	ng	#	85
19) n-Nitroso-di-n-propylamine	8.07	70	138960	41.65	ng		93
20) 3+4-Methylphenols	8.14	107	212872	42.73	ng	#	58
22) Acetophenone	8.03	105	275550	39.86	ng	#	84
24) Nitrobenzene	8.29	77	192449	37.88	ng		93
25) Isophorone	8.69	82	354460	39.92	ng		96
26) 2-Nitrophenol	8.80	139	109309	41.09	ng		99
27) 2,4-Dimethylphenol	8.95	122	177113	42.90	ng		97
28) bis(2-Chloroethoxy)methane	9.07	93	232174	39.66	ng		98
29) 2,4-Dichlorophenol	9.23	162	162885	40.97	ng		99
30) 1,2,4-Trichlorobenzene	9.30	180	164944	39.87	ng		98
31) Naphthalene	9.40	128	573603	38.70	ng		99
32) Benzoic acid	9.33	122	94131	37.71	ng		94
33) 4-Chloroaniline	9.56	127	116651	20.13	ng	#	92
34) Hexachlorobutadiene	9.62	225	84430	39.49	ng		97
35) Caprolactam	10.19	113	54220m	45.83	ng		
36) 4-Chloro-3-methylphenol	10.44	107	179428	43.11	ng		89
37) 2-Methylnaphthalene	10.53	142	397786	39.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.81	216	157911	38.54	ng		99
40) Hexachlorocyclopentadiene	10.78	237	83852	67.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.04	196	107939	40.97	ng		97
43) 2,4,5-Trichlorophenol	11.13	196	100313	35.80	ng		94
45) 1,1'-Biphenyl	11.30	154	452053	40.06	ng		98
46) 2-Chloronaphthalene	11.31	162	349715	39.66	ng		95
47) 2-Nitroaniline	11.53	65	104288	40.42	ng	#	80
48) Acenaphthylene	11.96	152	557527	36.98	ng		98
49) Dimethylphthalate	11.86	163	433656	41.72	ng		98
50) 2,6-Dinitrotoluene	11.95	165	92212	40.67	ng	#	75
51) Acenaphthene	12.24	154	333913	38.35	ng		99
52) 3-Nitroaniline	12.22	138	66000	24.98	ng		93
53) 2,4-Dinitrophenol	12.44	184	96693	75.69	ng	#	65
54) Dibenzofuran	12.53	168	517532	42.23	ng		97
55) 4-Nitrophenol	12.63	139	97660	64.28	ng	#	74
56) 2,4-Dinitrotoluene	12.62	165	134074	43.78	ng	#	91
57) Fluorene	13.09	166	415003	38.91	ng		97
58) 2,3,4,6-Tetrachlorophenol	12.79	232	86091	44.90	ng	#	95
59) Diethylphthalate	13.00	149	428011	42.78	ng		99
60) 4-Chlorophenyl-phenylether	13.11	204	187021	40.32	ng		92
61) 4-Nitroaniline	13.22	138	98256	39.83	ng		97
62) Azobenzene	13.37	77	392553	43.29	ng		95
64) 4,6-Dinitro-2-methylphenol	13.30	198	65740	40.09	ng	#	69
65) n-Nitrosodiphenylamine	13.33	169	362343	40.42	ng		99
66) 4-Bromophenyl-phenylether	13.89	248	108139	41.71	ng		98
67) Hexachlorobenzene	13.97	284	107687	42.15	ng	#	87
68) Atrazine	14.26	200	113318	45.42	ng		98
69) Pentachlorophenol	14.34	266	57305	60.87	ng		97
70) Phenanthrene	14.62	178	596280	41.42	ng		99
71) Anthracene	14.71	178	615181	40.94	ng		98
72) Carbazole	15.01	167	567761	38.77	ng		97
73) Di-n-butylphthalate	15.60	149	705748	45.30	ng		98
74) Fluoranthene	16.40	202	609723	42.80	ng		98
76) Benzidine	16.63	184	250415	33.72	ng	#	92
77) Pyrene	16.70	202	619214	42.92	ng		99
79) Butylbenzylphthalate	17.63	149	293559	46.59	ng	#	87
80) Benzo(a)anthracene	18.29	228	477247	42.45	ng		98
81) 3,3'-Dichlorobenzidine	18.28	252	92798	23.22	ng	#	96
82) Chrysene	18.34	228	458680	40.82	ng		99
83) Bis(2-ethylhexyl)phthalate	18.38	149	418271	47.06	ng	#	99
84) Di-n-octyl phthalate	19.14	149	681903	46.56	ng		96
85) Indeno(1,2,3-cd)pyrene	21.13	276	353886	36.81	ng		99
87) Benzo(b)fluoranthene	19.56	252	409540	42.65	ng		97
88) Benzo(k)fluoranthene	19.59	252	383011	41.73	ng		96
89) Benzo(a)pyrene	19.91	252	362099	41.02	ng		99
90) Dibenzo(a,h)anthracene	21.13	278	296879	39.65	ng		96
91) Benzo(g,h,i)perylene	21.46	276	302755	39.66	ng		99

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

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