Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092857.D
Acq On : 8 Feb 2017 17:07
Operator : SJ/MA
Sample : PB96810BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96810BSD

Manual Integrations APPROVED
mohammad
2/9/2017 12:31:11 PM

Quant Time: Feb 08 23:58:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142449	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	556535	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	317613	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	521883	20.00	ng		0.00
75) Chrysene-d12	14.07	240	466626	20.00	ng		0.00
86) Perylene-d12	15.51	264	390821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	680108	81.91	ng		0.01
7) Phenol-d6	6.53	99	848871	79.46	ng		0.00
23) Nitrobenzene-d5	7.47	82	784700	78.52	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	180640	78.64	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1442739	82.29	ng		0.00
78) Terphenyl-d14	13.00	244	1330251	66.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	152227	33.93	ng	#	85
3) Pyridine	3.30	79	374649	32.84	ng		88
4) n-Nitrosodimethylamine	3.25	42	205229	38.31	ng		87
6) Aniline	6.56	93	354255	24.31	ng		86
8) 2-Chlorophenol	6.68	128	376393	41.09	ng		95
9) Benzaldehyde	6.44	77	148846	19.45	ng		97
10) Phenol	6.56	94	487676	39.02	ng		93
11) bis(2-Chloroethyl)ether	6.64	93	408218	40.92	ng		98
12) 1,3-Dichlorobenzene	6.84	146	433487	40.40	ng		98
13) 1,4-Dichlorobenzene	6.91	146	423750	39.02	ng		98
14) 1,2-Dichlorobenzene	7.07	146	424293	40.86	ng		96
15) Benzyl Alcohol	7.05	79	340832	43.09	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	692012	39.93	ng		94
17) 2-Methylphenol	7.16	107	328612	41.82	ng		96
18) Hexachloroethane	7.41	117	147083	39.68	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	255417	37.56	ng		94
20) 3+4-Methylphenols	7.31	107	395552	42.10	ng	#	69
22) Acetophenone	7.31	105	496214	39.05	ng	#	93
24) Nitrobenzene	7.48	77	391331	38.13	ng		95
25) Isophorone	7.72	82	751209	40.34	ng		97
26) 2-Nitrophenol	7.80	139	219901	45.08	ng		91
27) 2,4-Dimethylphenol	7.85	122	375271	43.80	ng		92
28) bis(2-Chloroethoxy)methane	7.94	93	508990	41.27	ng		99
29) 2,4-Dichlorophenol	8.04	162	332189	41.58	ng		89
30) 1,2,4-Trichlorobenzene	8.12	180	344129	39.97	ng		94
31) Naphthalene	8.20	128	1066170	37.79	ng		99
32) Benzoic acid	7.97	122	216973	45.19	ng		88
33) 4-Chloroaniline	8.26	127	230965	20.87	ng		96
34) Hexachlorobutadiene	8.33	225	184456	38.94	ng		98
35) Caprolactam	8.62	113	113148m	45.02	ng		
36) 4-Chloro-3-methylphenol	8.75	107	378327	45.42	ng		90
37) 2-Methylnaphthalene	8.90	142	768210	42.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	325482	36.51	ng		99
40) Hexachlorocyclopentadiene	9.05	237	283028	70.36	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	240586	41.07	ng		91
43) 2,4,5-Trichlorophenol	9.22	196	251874	39.24	ng		91
45) 1,1'-Biphenyl	9.36	154	866136	37.66	ng		97
46) 2-Chloronaphthalene	9.39	162	739510	41.10	ng		95
47) 2-Nitroaniline	9.48	65	217622	35.98	ng		99
48) Acenaphthylene	9.80	152	1162661	37.41	ng		98
49) Dimethylphthalate	9.66	163	889995	41.60	ng		100
50) 2,6-Dinitrotoluene	9.72	165	180459	39.06	ng	#	76
51) Acenaphthene	9.97	154	721086	38.81	ng		96
52) 3-Nitroaniline	9.89	138	130237	24.63	ng		90
53) 2,4-Dinitrophenol	10.01	184	170829	73.12	ng	#	92
54) Dibenzofuran	10.14	168	1014264	40.81	ng		94
55) 4-Nitrophenol	10.06	139	288286	75.70	ng		94
56) 2,4-Dinitrotoluene	10.13	165	277314	45.09	ng	#	83
57) Fluorene	10.49	166	808677	42.29	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.26	232	185069	43.22	ng		99
59) Diethylphthalate	10.36	149	873229	43.31	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	350441	38.15	ng		89
61) 4-Nitroaniline	10.51	138	207596	38.33	ng		91
62) Azobenzene	10.64	77	887014	42.59	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	116909	37.43	ng	#	35
65) n-Nitrosodiphenylamine	10.60	169	730251	43.80	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	223025	40.90	ng		93
67) Hexachlorobenzene	11.04	284	226631	42.06	ng		97
68) Atrazine	11.13	200	233827	43.70	ng		97
69) Pentachlorophenol	11.23	266	226620	81.34	ng		97
70) Phenanthrene	11.45	178	1148515	38.41	ng		99
71) Anthracene	11.50	178	1250615	41.65	ng		97
72) Carbazole	11.65	167	1021936	35.60	ng		99
73) Di-n-butylphthalate	11.98	149	1408865	45.39	ng	#	97
74) Fluoranthene	12.64	202	1259573	40.84	ng		95
76) Benzidine	12.76	184	415262	20.88	ng		96
77) Pyrene	12.86	202	1249003	35.77	ng		99
79) Butylbenzylphthalate	13.48	149	624150	44.01	ng		85
80) Benzo(a)anthracene	14.05	228	1031825m	36.15	ng		
81) 3,3'-Dichlorobenzidine	14.02	252	301666	29.65	ng	#	95
82) Chrysene	14.09	228	917162m	34.32	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	821945	42.38	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1368867	43.35	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	922979	44.59	ng		95
87) Benzo(b)fluoranthene	15.09	252	1029383	40.02	ng		98
88) Benzo(k)fluoranthene	15.12	252	903596m	40.68	ng		
89) Benzo(a)pyrene	15.45	252	908085	40.81	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	774869	43.09	ng		97
91) Benzo(g,h,i)perylene	17.38	276	770002	42.38	ng	#	91

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

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