Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093326.D
Acq On : 2 Mar 2017 17:47
Operator : SJ/MA
Sample : PB97286BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97286BSD

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:39 PM

Quant Time: Mar 03 00:51:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	155300	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	607625	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	280205	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	524202	20.00	ng		0.00
75) Chrysene-d12	13.99	240	467223	20.00	ng		0.00
86) Perylene-d12	15.40	264	396507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1220148	134.79	ng		0.01
7) Phenol-d6	6.45	99	1546261	132.76	ng		0.00
23) Nitrobenzene-d5	7.37	82	949326	87.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	292436	144.30	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1434441	92.74	ng		0.00
78) Terphenyl-d14	12.93	244	1331454	66.96	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	172868	35.34	ng	#	83
3) Pyridine	3.09	79	505280	40.63	ng	#	85
4) n-Nitrosodimethylamine	3.06	42	260715	44.64	ng		85
6) Aniline	6.46	93	325914	20.51	ng	#	84
8) 2-Chlorophenol	6.58	128	412724	41.33	ng		87
9) Benzaldehyde	6.34	77	116848	14.00	ng		85
10) Phenol	6.46	94	538758	39.54	ng		81
11) bis(2-Chloroethyl)ether	6.53	93	418727	38.50	ng		92
12) 1,3-Dichlorobenzene	6.73	146	455248m	38.92	ng		
13) 1,4-Dichlorobenzene	6.81	146	456788	38.59	ng		100
14) 1,2-Dichlorobenzene	6.97	146	439521	38.83	ng		95
15) Benzyl Alcohol	6.94	79	336244	39.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	719419	38.07	ng		93
17) 2-Methylphenol	7.07	107	358636	41.86	ng		96
18) Hexachloroethane	7.31	117	166538	41.21	ng	#	90
19) n-Nitroso-di-n-propylamine	7.22	70	317254	42.79	ng		97
20) 3+4-Methylphenols	7.23	107	487095	47.55	ng	#	74
22) Acetophenone	7.22	105	595093	42.90	ng	#	96
24) Nitrobenzene	7.39	77	495438	44.22	ng		96
25) Isophorone	7.63	82	886776	43.61	ng		95
26) 2-Nitrophenol	7.71	139	245297	46.06	ng		94
27) 2,4-Dimethylphenol	7.76	122	418432	44.74	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	571861	42.47	ng		99
29) 2,4-Dichlorophenol	7.96	162	380423	43.61	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	359260	38.22	ng		95
31) Naphthalene	8.11	128	1188834	38.60	ng		99
32) Benzoic acid	7.90	122	153668	31.83	ng		97
33) 4-Chloroaniline	8.17	127	206194	17.07	ng		95
34) Hexachlorobutadiene	8.22	225	185796	35.92	ng		99
35) Caprolactam	8.54	113	121046m	44.11	ng		
36) 4-Chloro-3-methylphenol	8.67	107	371503	40.85	ng		98
37) 2-Methylnaphthalene	8.81	142	770033	38.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	356118	45.28	ng		99
40) Hexachlorocyclopentadiene	8.96	237	236146	66.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	229034	44.31	ng		91
43) 2,4,5-Trichlorophenol	9.15	196	225021	39.74	ng	#	84
45) 1,1'-Biphenyl	9.28	154	963590	47.49	ng		98
46) 2-Chloronaphthalene	9.30	162	713195	44.93	ng		96
47) 2-Nitroaniline	9.40	65	243300	45.59	ng		92
48) Acenaphthylene	9.71	152	1167569	42.58	ng		98
49) Dimethylphthalate	9.58	163	911533	48.30	ng		100
50) 2,6-Dinitrotoluene	9.65	165	214389	52.60	ng		96
51) Acenaphthene	9.88	154	656075	40.02	ng		96
52) 3-Nitroaniline	9.82	138	124668	26.73	ng		81
53) 2,4-Dinitrophenol	9.94	184	175426	84.33	ng	#	52
54) Dibenzofuran	10.06	168	1004532	45.81	ng		92
55) 4-Nitrophenol	10.01	139	202664	60.32	ng		91
56) 2,4-Dinitrotoluene	10.06	165	254627	46.92	ng		95
57) Fluorene	10.41	166	819771	48.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	189279	50.11	ng		96
59) Diethylphthalate	10.28	149	811294	45.61	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	357011	44.05	ng		88
61) 4-Nitroaniline	10.44	138	215129	45.03	ng		94
62) Azobenzene	10.56	77	959423	52.21	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	140844	44.36	ng	#	50
65) n-Nitrosodiphenylamine	10.52	169	733865	43.82	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	220109	40.19	ng		91
67) Hexachlorobenzene	10.96	284	213859	39.52	ng	#	90
68) Atrazine	11.05	200	230219	42.84	ng		100
69) Pentachlorophenol	11.16	266	177496	65.01	ng		98
70) Phenanthrene	11.37	178	1096201	36.50	ng		98
71) Anthracene	11.42	178	1282989	42.54	ng		99
72) Carbazole	11.58	167	1160558	40.26	ng		99
73) Di-n-butylphthalate	11.90	149	1294189	41.51	ng	#	98
74) Fluoranthene	12.56	202	1216820	39.28	ng		97
76) Benzidine	12.68	184	437153	21.96	ng		97
77) Pyrene	12.78	202	1229095	35.15	ng		99
79) Butylbenzylphthalate	13.40	149	580751	40.90	ng		95
80) Benzo(a)anthracene	13.97	228	1062899	37.20	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	249791	24.52	ng	#	93
82) Chrysene	14.01	228	931436	34.81	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	829627	42.72	ng	#	99
84) Di-n-octyl phthalate	14.57	149	1459795	46.17	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	820354	39.58	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	1033056m	39.58	ng		
88) Benzo(k)fluoranthene	15.03	252	849010m	37.68	ng		
89) Benzo(a)pyrene	15.35	252	888213	39.35	ng		96
90) Dibenzo(a,h)anthracene	16.81	278	693677	38.02	ng		98
91) Benzo(g,h,i)perylene	17.22	276	699288	37.94	ng	#	94

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

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