Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092285.D
Acq On : 16 Jan 2017 15:18
Operator : UM/SJ
Sample : PB96012BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96012BS

Manual Integrations APPROVED
mohammad
1/17/2017 4:57:59 PM

Quant Time: Jan 17 00:59:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	239725	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	1095531	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	608474	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	1014296	20.00	ng		0.00
75) Chrysene-d12	13.71	240	649898	20.00	ng		0.00
86) Perylene-d12	15.06	264	772089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	2035559	141.78	ng		0.02
7) Phenol-d6	6.24	99	2490081	142.06	ng		0.01
23) Nitrobenzene-d5	7.15	82	1637427	83.11	ng		0.01
41) 2,4,6-Tribromophenol	10.39	330	594100	117.98	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2659710	90.38	ng		0.00
78) Terphenyl-d14	12.67	244	2628496	98.09	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	275619	38.99	ng		97
3) Pyridine	2.69	79	797111	32.31	ng		98
4) n-Nitrosodimethylamine	2.67	42	363296	39.04	ng		98
6) Aniline	6.23	93	574544	25.24	ng	#	60
8) 2-Chlorophenol	6.36	128	755012	46.23	ng		92
9) Benzaldehyde	6.11	77	31771	2.20	ng		85
10) Phenol	6.26	94	1015976	50.86	ng	#	65
11) bis(2-Chloroethyl)ether	6.31	93	713180	44.87	ng		99
12) 1,3-Dichlorobenzene	6.50	146	735487	42.19	ng	#	89
13) 1,4-Dichlorobenzene	6.58	146	726828	40.96	ng		99
14) 1,2-Dichlorobenzene	6.74	146	658034	42.74	ng		99
15) Benzyl Alcohol	6.74	79	626266	45.98	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1024624	43.29	ng	#	34
17) 2-Methylphenol	6.86	107	625332	47.61	ng	#	91
18) Hexachloroethane	7.07	117	280957	42.71	ng	#	85
19) n-Nitroso-di-n-propylamine	7.00	70	539615	46.27	ng		99
20) 3+4-Methylphenols	7.02	107	864050	55.16	ng	#	72
22) Acetophenone	6.99	105	1109113	41.05	ng	#	93
24) Nitrobenzene	7.16	77	769530	36.67	ng		96
25) Isophorone	7.41	82	1590171	43.75	ng		99
26) 2-Nitrophenol	7.48	139	452857	43.76	ng		91
27) 2,4-Dimethylphenol	7.54	122	690018	40.20	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	1023284	46.42	ng		99
29) 2,4-Dichlorophenol	7.73	162	667147	45.90	ng		90
30) 1,2,4-Trichlorobenzene	7.80	180	660923	41.50	ng		96
31) Naphthalene	7.88	128	2315670	46.18	ng		99
32) Benzoic acid	7.72	122	538709	42.32	ng		98
33) 4-Chloroaniline	7.94	127	391507	17.32	ng		98
34) Hexachlorobutadiene	7.99	225	348678	41.48	ng		99
35) Caprolactam	8.32	113	233556m	48.90	ng		
36) 4-Chloro-3-methylphenol	8.45	107	724276	43.31	ng		97
37) 2-Methylnaphthalene	8.56	142	1357012	44.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	620575	40.37	ng		99
40) Hexachlorocyclopentadiene	8.72	237	508135	74.51	ng		99

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Quant Time: Jan 17 00:59:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	423643	39.40	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	394653	35.67	ng		95
45) 1,1'-Biphenyl	9.03	154	1791887	43.01	ng		98
46) 2-Chloronaphthalene	9.06	162	1395667	42.30	ng		99
47) 2-Nitroaniline	9.16	65	424667	36.15	ng		100
48) Acenaphthylene	9.47	152	2123916	41.86	ng		99
49) Dimethylphthalate	9.35	163	1762215	45.28	ng		99
50) 2,6-Dinitrotoluene	9.41	165	407959	47.89	ng		94
51) Acenaphthene	9.64	154	1432871	41.65	ng		100
52) 3-Nitroaniline	9.57	138	227125	21.55	ng		98
53) 2,4-Dinitrophenol	9.70	184	458207	96.68	ng	#	81
54) Dibenzofuran	9.81	168	2016600	43.41	ng		97
55) 4-Nitrophenol	9.78	139	556992m	77.82	ng		
56) 2,4-Dinitrotoluene	9.81	165	453192	42.39	ng	#	63
57) Fluorene	10.15	166	1593761	47.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	419103	47.89	ng		95
59) Diethylphthalate	10.04	149	1701480	45.02	ng		100
60) 4-Chlorophenyl-phenylether	10.14	204	606990	41.01	ng		97
61) 4-Nitroaniline	10.20	138	495770	45.38	ng		85
62) Azobenzene	10.30	77	1828675	43.95	ng		97
64) 4,6-Dinitro-2-methylphenol	10.23	198	305750	49.85	ng		91
65) n-Nitrosodiphenylamine	10.27	169	1322119	43.93	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	488220	46.27	ng	#	84
67) Hexachlorobenzene	10.69	284	471515	41.81	ng	#	80
68) Atrazine	10.80	200	392370	40.41	ng		98
69) Pentachlorophenol	10.90	266	424627	76.73	ng		99
70) Phenanthrene	11.10	178	2134015	38.80	ng		99
71) Anthracene	11.16	178	2455043	54.04	ng		99
72) Carbazole	11.32	167	2280953	57.47	ng		99
73) Di-n-butylphthalate	11.65	149	2472380	47.69	ng		100
74) Fluoranthene	12.28	202	2133503	44.14	ng		99
76) Benzidine	12.42	184	861423	54.66	ng		96
77) Pyrene	12.51	202	2196201	46.06	ng		99
79) Butylbenzylphthalate	13.14	149	1063968	49.06	ng		97
80) Benzo(a)anthracene	13.70	228	1816699	49.52	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	444815	31.98	ng		98
82) Chrysene	13.73	228	1701646	46.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1348587	52.80	ng	#	95
84) Di-n-octyl phthalate	14.31	149	2503972	52.93	ng		100
85) Indeno(1,2,3-cd)pyrene	16.29	276	1669372	52.37	ng		98
87) Benzo(b)fluoranthene	14.70	252	2449302m	50.95	ng		
88) Benzo(k)fluoranthene	14.73	252	1277030m	31.15	ng		
89) Benzo(a)pyrene	15.01	252	1876778	43.99	ng	#	97
90) Dibenzo(a,h)anthracene	16.30	278	1371225	39.10	ng	#	96
91) Benzo(g,h,i)perylene	16.66	276	1422466	39.01	ng	#	95

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

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