Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084569.D
Acq On : 20 Jan 2016 17:22
Operator : SJ/UM
Sample : PB87882BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87882BS

Manual Integrations APPROVED
mohammad
1/21/2016 12:19:53 PM

Quant Time: Jan 20 22:32:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	202881	20.00	ng		-0.06
21) Naphthalene-d8	8.06	136	866220	20.00	ng		-0.06
38) Acenaphthene-d10	9.82	164	421413	20.00	ng		-0.05
63) Phenanthrene-d10	11.31	188	775885	20.00	ng		-0.05
75) Chrysene-d12	13.95	240	594740	20.00	ng		-0.05
86) Perylene-d12	15.36	264	470834	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1489479	118.75	ng		-0.05
7) Phenol-d6	6.43	99	1873764	118.95	ng		-0.05
23) Nitrobenzene-d5	7.34	82	1270275	81.62	ng		-0.06
41) 2,4,6-Tribromophenol	10.62	330	558799	131.34	ng		-0.05
44) 2-Fluorobiphenyl	9.15	172	1995410	83.16	ng		-0.05
78) Terphenyl-d14	12.90	244	1890291	70.95	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	207276	34.88	ng	#	78
3) Pyridine	3.09	79	670487	40.47	ng	#	77
4) n-Nitrosodimethylamine	3.05	42	321296	37.78	ng		82
6) Aniline	6.44	93	330720	14.35	ng	#	1
8) 2-Chlorophenol	6.57	128	631047	44.34	ng		94
9) Benzaldehyde	6.33	77	56560	5.51	ng		86
10) Phenol	6.44	94	720438	40.22	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	581297	41.90	ng		84
12) 1,3-Dichlorobenzene	6.72	146	594480m	40.50	ng		
13) 1,4-Dichlorobenzene	6.80	146	629398	42.75	ng		96
14) 1,2-Dichlorobenzene	6.96	146	565786	40.13	ng		93
15) Benzyl Alcohol	6.93	79	536717	40.50	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1007273	39.87	ng		86
17) 2-Methylphenol	7.05	107	484610	40.63	ng		92
18) Hexachloroethane	7.29	117	243537	41.37	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	444064	41.64	ng	#	81
20) 3+4-Methylphenols	7.21	107	646383	46.11	ng	#	87
22) Acetophenone	7.20	105	843028	40.47	ng		98
24) Nitrobenzene	7.37	77	632244	40.05	ng		97
25) Isophorone	7.61	82	1184578	39.80	ng		98
26) 2-Nitrophenol	7.69	139	355397	49.47	ng	#	91
27) 2,4-Dimethylphenol	7.73	122	603261	41.48	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	746136	41.04	ng		99
29) 2,4-Dichlorophenol	7.93	162	490951	40.53	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	511947	40.94	ng		97
31) Naphthalene	8.09	128	1635094	41.61	ng		100
32) Benzoic acid	7.87	122	370699	40.72	ng		92
33) 4-Chloroaniline	8.14	127	131257	7.29	ng	#	91
34) Hexachlorobutadiene	8.21	225	308715	42.94	ng		98
35) Caprolactam	8.52	113	175969m	43.09	ng		
36) 4-Chloro-3-methylphenol	8.64	107	598068	44.08	ng		95
37) 2-Methylnaphthalene	8.78	142	1240198	43.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	482316	39.81	ng		99
40) Hexachlorocyclopentadiene	8.93	237	498741	68.20	ng		96

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Quant Time: Jan 20 22:32:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	390717	43.11	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	359528	41.38	ng	#	91
45) 1,1'-Biphenyl	9.25	154	1498172	44.73	ng		98
46) 2-Chloronaphthalene	9.28	162	1105145	42.01	ng		89
47) 2-Nitroaniline	9.38	65	360278	41.49	ng	#	63
48) Acenaphthylene	9.69	152	1585976	40.81	ng		97
49) Dimethylphthalate	9.56	163	1322952	43.91	ng	#	90
50) 2,6-Dinitrotoluene	9.62	165	279974	42.37	ng	#	62
51) Acenaphthene	9.86	154	1004687	38.54	ng		97
52) 3-Nitroaniline	9.78	138	96421	11.78	ng		95
53) 2,4-Dinitrophenol	9.89	184	282377	99.42	ng	#	78
54) Dibenzofuran	10.03	168	1360603	39.96	ng		91
55) 4-Nitrophenol	9.97	139	512375	86.21	ng		92
56) 2,4-Dinitrotoluene	10.03	165	374187	44.74	ng	#	85
57) Fluorene	10.37	166	1048303	39.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	308191	41.54	ng		92
59) Diethylphthalate	10.26	149	1185661	39.92	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	554843	51.51	ng		92
61) 4-Nitroaniline	10.41	138	298454	40.89	ng		91
62) Azobenzene	10.53	77	1399581	42.96	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	192717	40.66	ng	#	67
65) n-Nitrosodiphenylamine	10.49	169	1033281	41.65	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	358514	42.93	ng		96
67) Hexachlorobenzene	10.92	284	366120	38.95	ng	#	89
68) Atrazine	11.02	200	318147	39.19	ng		98
69) Pentachlorophenol	11.13	266	387221	79.45	ng		97
70) Phenanthrene	11.33	178	1575571	38.82	ng		96
71) Anthracene	11.39	178	1813793	45.59	ng		99
72) Carbazole	11.55	167	1647903	42.37	ng		97
73) Di-n-butylphthalate	11.88	149	1793581	42.86	ng	#	96
74) Fluoranthene	12.52	202	1724114	40.67	ng		98
76) Benzidine	12.65	184	476840	22.36	ng		98
77) Pyrene	12.75	202	1791541	38.39	ng		98
79) Butylbenzylphthalate	13.38	149	821532	40.68	ng		97
80) Benzo(a)anthracene	13.94	228	1446410	41.42	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	235851	19.35	ng	#	96
82) Chrysene	13.97	228	1222855	36.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	974780	38.20	ng		100
84) Di-n-octyl phthalate	14.56	149	1744954	40.51	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.72	276	1180493	44.38	ng		100
87) Benzo(b)fluoranthene	14.96	252	1180383m	38.33	ng		
88) Benzo(k)fluoranthene	14.99	252	1235517m	49.05	ng		
89) Benzo(a)pyrene	15.30	252	1102898	42.22	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	959863	42.70	ng		97
91) Benzo(g,h,i)perylene	17.13	276	1008932	43.34	ng		99

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

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