Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092327.D
Acq On : 17 Jan 2017 20:29
Operator : UM/SJ
Sample : I1230-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B35MSD

Manual Integrations APPROVED
mohammad
1/18/2017 5:11:36 PM

Quant Time: Jan 18 00:40:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	189807	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	815611	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	430321	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	661210	20.00	ng		0.00
75) Chrysene-d12	13.70	240	428875	20.00	ng		0.00
86) Perylene-d12	15.05	264	378238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1566602	137.81	ng		0.01
7) Phenol-d6	6.23	99	2177978	156.93	ng		0.01
23) Nitrobenzene-d5	7.14	82	1432843	97.69	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	460776	129.39	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2365990	117.60	ng		0.01
78) Terphenyl-d14	12.66	244	1943019	109.88	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	182301	32.57	ng		95
3) Pyridine	2.64	79	494877	25.34	ng		97
4) n-Nitrosodimethylamine	2.61	42	234998	31.89	ng		100
6) Aniline	6.22	93	319656	17.73	ng	#	70
8) 2-Chlorophenol	6.35	128	507042	39.21	ng		91
9) Benzaldehyde	6.11	77	26114	2.29	ng		97
10) Phenol	6.24	94	733983	46.41	ng	#	64
11) bis(2-Chloroethyl)ether	6.30	93	497768	39.56	ng		99
12) 1,3-Dichlorobenzene	6.50	146	520868	37.73	ng		99
13) 1,4-Dichlorobenzene	6.56	146	526316	37.46	ng		99
14) 1,2-Dichlorobenzene	6.72	146	482090	39.54	ng		99
15) Benzyl Alcohol	6.72	79	427803	39.67	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.85	45	725402	38.71	ng	#	41
17) 2-Methylphenol	6.85	107	425526	40.92	ng	#	89
18) Hexachloroethane	7.06	117	195470	37.53	ng	#	85
19) n-Nitroso-di-n-propylamine	6.99	70	372014	40.29	ng		99
20) 3+4-Methylphenols	7.01	107	590134	47.58	ng	#	72
22) Acetophenone	6.98	105	758603	37.71	ng	#	93
24) Nitrobenzene	7.15	77	531446	34.02	ng		99
25) Isophorone	7.39	82	1059584	39.16	ng		94
26) 2-Nitrophenol	7.47	139	289691	37.60	ng		96
27) 2,4-Dimethylphenol	7.52	122	447225	35.00	ng		99
28) bis(2-Chloroethoxy)methane	7.62	93	664901	40.52	ng		99
29) 2,4-Dichlorophenol	7.72	162	436786	40.37	ng		89
30) 1,2,4-Trichlorobenzene	7.79	180	440911	37.19	ng		96
31) Naphthalene	7.87	128	1507278	40.38	ng		99
32) Benzoic acid	7.66	122	95886	10.12	ng		99
33) 4-Chloroaniline	7.92	127	157750	9.37	ng		98
34) Hexachlorobutadiene	7.98	225	231459	36.98	ng		99
35) Caprolactam	8.31	113	135827m	38.20	ng		
36) 4-Chloro-3-methylphenol	8.44	107	491787	39.50	ng		99
37) 2-Methylnaphthalene	8.55	142	930733	39.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	417738	38.42	ng		98
40) Hexachlorocyclopentadiene	8.71	237	300677	62.99	ng		99

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Quant Time: Jan 18 00:40:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	281331	37.00	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	263479	33.67	ng	#	92
45) 1,1'-Biphenyl	9.02	154	1170532	39.73	ng		98
46) 2-Chloronaphthalene	9.04	162	912522	39.11	ng		98
47) 2-Nitroaniline	9.15	65	275941	33.21	ng		97
48) Acenaphthylene	9.46	152	1383412	38.55	ng		99
49) Dimethylphthalate	9.33	163	1249225	45.39	ng		98
50) 2,6-Dinitrotoluene	9.40	165	241957	40.16	ng	#	86
51) Acenaphthene	9.63	154	903846	37.15	ng		99
52) 3-Nitroaniline	9.56	138	120285	16.13	ng		88
53) 2,4-Dinitrophenol	9.68	184	145887	43.52	ng	#	81
54) Dibenzofuran	9.80	168	1248133	37.99	ng		98
55) 4-Nitrophenol	9.76	139	285435m	56.39	ng		
56) 2,4-Dinitrotoluene	9.80	165	277156	36.66	ng	#	55
57) Fluorene	10.14	166	996493	41.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	227830	36.81	ng		98
59) Diethylphthalate	10.03	149	1005841	37.63	ng		98
60) 4-Chlorophenyl-phenylether	10.13	204	397747	38.00	ng		99
61) 4-Nitroaniline	10.18	138	231022	29.90	ng		97
62) Azobenzene	10.29	77	1159217	39.39	ng		98
64) 4,6-Dinitro-2-methylphenol	10.21	198	140014	35.02	ng	#	25
65) n-Nitrosodiphenylamine	10.26	169	795258	40.53	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	294474	42.81	ng	#	88
67) Hexachlorobenzene	10.69	284	288455	39.24	ng	#	84
68) Atrazine	10.79	200	238819	37.73	ng		98
69) Pentachlorophenol	10.88	266	212766	58.98	ng		97
70) Phenanthrene	11.09	178	1304903	36.40	ng		99
71) Anthracene	11.15	178	1489293	47.90	ng		98
72) Carbazole	11.31	167	1282977	42.33	ng		98
73) Di-n-butylphthalate	11.65	149	1623410	48.07	ng	#	96
74) Fluoranthene	12.27	202	1307107	41.23	ng		98
76) Benzidine	12.41	184	455154	40.79	ng		96
77) Pyrene	12.50	202	1279295	40.66	ng		100
79) Butylbenzylphthalate	13.14	149	649400	45.38	ng	#	77
80) Benzo(a)anthracene	13.69	228	1063082	43.91	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	215833	23.51	ng		99
82) Chrysene	13.72	228	861878	35.49	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	846947	50.25	ng		98
84) Di-n-octyl phthalate	14.30	149	1350550	43.26	ng		100
85) Indeno(1,2,3-cd)pyrene	16.28	276	847316	40.28	ng		99
87) Benzo(b)fluoranthene	14.69	252	1111825m	47.21	ng		
88) Benzo(k)fluoranthene	14.71	252	639046m	31.82	ng		
89) Benzo(a)pyrene	15.00	252	827481	39.59	ng	#	95
90) Dibenzo(a,h)anthracene	16.28	278	703276	40.94	ng		97
91) Benzo(g,h,i)perylene	16.63	276	745248	41.72	ng		96

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

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