Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084559.D
Acq On : 19 Jan 2016 18:29
Operator : SJ/UM
Sample : H1169-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MSD

Manual Integrations APPROVED
mohammad
1/20/2016 2:22:50 PM

Quant Time: Jan 20 03:40:59 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	6.80	152	208321	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	830348	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	354415	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	609412	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	365601	20.00	ng		-0.05
86) Perylene-d12	15.36	264	414923	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1605039	124.62	ng		-0.03
7) Phenol-d6	6.45	99	2135952	132.05	ng		-0.02
23) Nitrobenzene-d5	7.37	82	1303036	87.34	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	459284	128.36	ng		-0.03
44) 2-Fluorobiphenyl	9.16	172	1738012	86.37	ng		-0.03
78) Terphenyl-d14	12.90	244	1274672	77.83	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	226370	37.10	ng	#	77
3) Pyridine	3.10	79	536568	31.54	ng	#	64
4) n-Nitrosodimethylamine	3.06	42	311097	35.63	ng	#	75
6) Aniline	6.46	93	499339	21.10	ng	#	12
8) 2-Chlorophenol	6.58	128	642357	43.96	ng	#	81
9) Benzaldehyde	6.34	77	34433	3.27	ng	#	72
10) Phenol	6.46	94	844587	45.92	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	649596	45.60	ng	#	82
12) 1,3-Dichlorobenzene	6.74	146	675698	44.83	ng		98
13) 1,4-Dichlorobenzene	6.81	146	648750	42.92	ng		97
14) 1,2-Dichlorobenzene	6.97	146	654810	45.23	ng		100
15) Benzyl Alcohol	6.94	79	522024	38.36	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1010738	38.96	ng		88
17) 2-Methylphenol	7.07	107	562512	45.93	ng		93
18) Hexachloroethane	7.31	117	283137m	46.84	ng		
19) n-Nitroso-di-n-propylamine	7.22	70	447904	40.91	ng	#	74
20) 3+4-Methylphenols	7.22	107	620545	43.11	ng	#	67
22) Acetophenone	7.21	105	979461	49.05	ng		96
24) Nitrobenzene	7.39	77	726743	48.03	ng	#	86
25) Isophorone	7.63	82	1320050	46.26	ng		97
26) 2-Nitrophenol	7.70	139	331272	48.10	ng	#	81
27) 2,4-Dimethylphenol	7.74	122	567589	40.72	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	766473	43.98	ng		97
29) 2,4-Dichlorophenol	7.95	162	559205	48.16	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	568510	47.42	ng	#	93
31) Naphthalene	8.11	128	2025559	53.77	ng		98
32) Benzoic acid	7.84	122	63602	12.42	ng		95
33) 4-Chloroaniline	8.16	127	375785	21.76	ng		98
34) Hexachlorobutadiene	8.22	225	302524	43.90	ng		97
35) Caprolactam	8.53	113	208173m	53.18	ng		
36) 4-Chloro-3-methylphenol	8.66	107	610381	46.93	ng		90
37) 2-Methylnaphthalene	8.80	142	1204789	44.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	513028	50.35	ng		98
40) Hexachlorocyclopentadiene	8.96	237	389461	63.32	ng		99

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Quant Time: Jan 20 03:40:59 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	9.08	196	365674	47.97	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	341615	46.75	ng	#	84
45) 1,1'-Biphenyl	9.26	154	1415929	50.27	ng		99
46) 2-Chloronaphthalene	9.29	162	1044616	47.21	ng		94
47) 2-Nitroaniline	9.39	65	398343	54.55	ng	#	76
48) Acenaphthylene	9.70	152	1479930	45.27	ng		97
49) Dimethylphthalate	9.57	163	1606401	63.40	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	276688	49.79	ng	#	62
51) Acenaphthene	9.87	154	1035900	47.24	ng		98
52) 3-Nitroaniline	9.80	138	246361	35.78	ng	#	67
53) 2,4-Dinitrophenol	9.90	184	178435	75.58	ng		92
54) Dibenzofuran	10.04	168	1238037	43.50	ng	#	88
55) 4-Nitrophenol	9.97	139	373342	74.69	ng	#	77
56) 2,4-Dinitrotoluene	10.03	165	326600	46.44	ng	#	88
57) Fluorene	10.38	166	959408	43.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	298503	47.84	ng		90
59) Diethylphthalate	10.27	149	1233710	49.38	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	493043	54.97	ng	#	87
61) 4-Nitroaniline	10.41	138	251509	40.97	ng		93
62) Azobenzene	10.54	77	1243081	45.37	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	176018	47.66	ng		97
65) n-Nitrosodiphenylamine	10.50	169	923659	47.40	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	301228	45.92	ng	#	70
67) Hexachlorobenzene	10.93	284	325384	44.07	ng	#	93
68) Atrazine	11.04	200	298176	46.76	ng		91
69) Pentachlorophenol	11.13	266	302828	79.11	ng		98
70) Phenanthrene	11.34	178	1457436	45.72	ng		97
71) Anthracene	11.40	178	1520036	48.64	ng		100
72) Carbazole	11.55	167	1176792	38.52	ng		99
73) Di-n-butylphthalate	11.89	149	1677969	54.44	ng		98
74) Fluoranthene	12.53	202	1524198	45.77	ng		94
76) Benzidine	12.66	184	73122	5.58	ng		98
77) Pyrene	12.76	202	1466675	51.12	ng		99
79) Butylbenzylphthalate	13.38	149	523548	42.17	ng		87
80) Benzo(a)anthracene	13.94	228	1058559	49.31	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	283841	37.89	ng	#	96
82) Chrysene	13.99	228	1009759	48.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	714940	45.58	ng		100
84) Di-n-octyl phthalate	14.56	149	1252817	47.31	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1257609	76.91	ng		100
87) Benzo(b)fluoranthene	14.97	252	1283417m	47.29	ng		
88) Benzo(k)fluoranthene	14.99	252	873728m	39.36	ng		
89) Benzo(a)pyrene	15.31	252	1092078	47.44	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	998632	50.41	ng		99
91) Benzo(g,h,i)perylene	17.14	276	1055869	51.47	ng		99

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

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