Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092067.D
Acq On : 3 Jan 2017 18:17
Operator : UM/SJ
Sample : H6322-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP9-COMP9MSD

Manual Integrations APPROVED
Sohil
1/4/2017 2:05:46 PM

Quant Time: Jan 04 13:15:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 13:03:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	256496	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	1047100	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	536100	20.00	ng		-0.05
63) Phenanthrene-d10	11.19	188	772569	20.00	ng		-0.04
75) Chrysene-d12	13.82	240	438736	20.00	ng		-0.05
86) Perylene-d12	15.20	264	414719	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1790654	116.57	ng		-0.03
7) Phenol-d6	6.34	99	2472480	131.83	ng		-0.04
23) Nitrobenzene-d5	7.25	82	1785364	94.81	ng		-0.04
41) 2,4,6-Tribromophenol	10.50	330	559316	126.07	ng		-0.04
44) 2-Fluorobiphenyl	9.04	172	2808724	111.35	ng		-0.04
78) Terphenyl-d14	12.78	244	2033720	112.42	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	230113	30.43	ng	#	85
3) Pyridine	2.95	79	351891m	13.33	ng		
4) n-Nitrosodimethylamine	2.87	42	326275	32.77	ng		98
6) Aniline	6.34	93	288479	11.84	ng	#	52
8) 2-Chlorophenol	6.47	128	783933	44.86	ng		85
9) Benzaldehyde	6.22	77	62828	4.28	ng		98
10) Phenol	6.36	94	996334	46.62	ng	#	67
11) bis(2-Chloroethyl)ether	6.41	93	864479	50.84	ng		98
12) 1,3-Dichlorobenzene	6.61	146	785698m	42.12	ng		
13) 1,4-Dichlorobenzene	6.69	146	811338	42.73	ng		98
14) 1,2-Dichlorobenzene	6.85	146	704908	42.79	ng		94
15) Benzyl Alcohol	6.82	79	576480	39.56	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1139220	44.99	ng		65
17) 2-Methylphenol	6.95	107	633235	45.06	ng		96
18) Hexachloroethane	7.18	117	304499	43.26	ng		90
19) n-Nitroso-di-n-propylamine	7.10	70	595492	47.73	ng		96
20) 3+4-Methylphenols	7.11	107	890891	53.15	ng	#	72
22) Acetophenone	7.09	105	1171046	45.34	ng	#	93
24) Nitrobenzene	7.26	77	828177	41.29	ng		98
25) Isophorone	7.50	82	1673315	48.16	ng		95
26) 2-Nitrophenol	7.58	139	458261	46.33	ng		93
27) 2,4-Dimethylphenol	7.64	122	777083	47.37	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	1005903	47.75	ng		100
29) 2,4-Dichlorophenol	7.83	162	690650	49.72	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	674561	44.32	ng		95
31) Naphthalene	7.98	128	2273365	47.44	ng		100
32) Benzoic acid	7.78	122	562620	46.24	ng		93
33) 4-Chloroaniline	8.04	127	140963	6.52	ng		95
34) Hexachlorobutadiene	8.10	225	372950	46.42	ng		99
35) Caprolactam	8.42	113	214961m	47.09	ng		
36) 4-Chloro-3-methylphenol	8.54	107	719001	44.98	ng		99
37) 2-Methylnaphthalene	8.66	142	1555507	61.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	585592	43.23	ng	#	98
40) Hexachlorocyclopentadiene	8.82	237	573704	94.36	ng		97

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Quant Time: Jan 04 13:15:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 13:03:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	459700	48.53	ng		97
43) 2,4,5-Trichlorophenol	9.01	196	444861	45.63	ng		96
45) 1,1'-Biphenyl	9.13	154	1771279	48.25	ng		96
46) 2-Chloronaphthalene	9.16	162	1344667	46.26	ng		95
47) 2-Nitroaniline	9.26	65	459299	44.38	ng		96
48) Acenaphthylene	9.57	152	2082503	46.58	ng		99
49) Dimethylphthalate	9.45	163	1735106	50.60	ng		99
50) 2,6-Dinitrotoluene	9.51	165	388962	51.83	ng		90
51) Acenaphthene	9.74	154	1335043	44.05	ng		99
52) 3-Nitroaniline	9.67	138	75255	8.10	ng		96
53) 2,4-Dinitrophenol	9.78	184	384433	92.06	ng	#	61
54) Dibenzofuran	9.92	168	1899317	46.40	ng		93
55) 4-Nitrophenol	9.86	139	468374	74.27	ng		95
56) 2,4-Dinitrotoluene	9.91	165	419385	44.52	ng	#	76
57) Fluorene	10.26	166	1403234	47.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	387648	50.28	ng		98
59) Diethylphthalate	10.15	149	1599877	48.05	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	596491	45.74	ng		93
61) 4-Nitroaniline	10.29	138	328099	34.09	ng		94
62) Azobenzene	10.41	77	1834409	50.03	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	255428	54.68	ng	#	61
65) n-Nitrosodiphenylamine	10.38	169	1304543	56.91	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	415816	51.74	ng	#	86
67) Hexachlorobenzene	10.80	284	385671	44.90	ng	#	82
68) Atrazine	10.92	200	364045	49.23	ng		96
69) Pentachlorophenol	11.01	266	418328	99.25	ng		100
70) Phenanthrene	11.21	178	1860246	44.41	ng		99
71) Anthracene	11.27	178	2108079	69.63	ng		99
72) Carbazole	11.43	167	1857348	47.85	ng		98
73) Di-n-butylphthalate	11.76	149	2037465	51.96	ng		99
74) Fluoranthene	12.40	202	1951167	53.84	ng		95
76) Benzidine	12.53	184	45230	3.56	ng		98
77) Pyrene	12.63	202	1907785	59.27	ng		99
79) Butylbenzylphthalate	13.26	149	886626	60.56	ng		88
80) Benzo(a)anthracene	13.81	228	1380686	55.75	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	176568	18.80	ng	#	94
82) Chrysene	13.85	228	1409609	56.74	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	996841	57.82	ng		99
84) Di-n-octyl phthalate	14.44	149	1752687	54.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.49	276	1493635	69.40	ng		97
87) Benzo(b)fluoranthene	14.83	252	1429948m	55.38	ng		
88) Benzo(k)fluoranthene	14.85	252	904689m	41.09	ng		
89) Benzo(a)pyrene	15.15	252	1127348	49.19	ng		98
90) Dibenzo(a,h)anthracene	16.51	278	1217580	64.64	ng		96
91) Benzo(g,h,i)perylene	16.88	276	1309715	66.87	ng	#	92

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

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