Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092070.D
Acq On : 3 Jan 2017 19:42
Operator : UM/SJ
Sample : H6322-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Manual Integrations APPROVED
Sohil
1/4/2017 2:05:50 PM

Quant Time: Jan 04 00:59:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173075	20.00	ng		-0.04
21) Naphthalene-d8	7.96	136	710790	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	349204	20.00	ng		-0.05
63) Phenanthrene-d10	11.19	188	487284	20.00	ng		-0.04
75) Chrysene-d12	13.83	240	318325	20.00	ng		-0.04
86) Perylene-d12	15.21	264	380081	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1394825	134.56	ng		-0.04
7) Phenol-d6	6.34	99	1573793	124.36	ng		-0.04
23) Nitrobenzene-d5	7.24	82	986597	77.18	ng		-0.05
41) 2,4,6-Tribromophenol	10.50	330	314470	108.82	ng		-0.04
44) 2-Fluorobiphenyl	9.04	172	1281663	73.45	ng		-0.04
78) Terphenyl-d14	12.78	244	789112	60.12	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	195985	38.41	ng		96
3) Pyridine	2.85	79	547103	30.72	ng		95
4) n-Nitrosodimethylamine	2.80	42	269154	40.06	ng		100
6) Aniline	6.33	93	330396	20.10	ng	#	61
8) 2-Chlorophenol	6.46	128	502886	42.65	ng		95
9) Benzaldehyde	6.21	77	55325	5.70	ng		85
10) Phenol	6.36	94	677386	46.97	ng	#	66
11) bis(2-Chloroethyl)ether	6.41	93	511498	44.58	ng		99
12) 1,3-Dichlorobenzene	6.61	146	466568	37.07	ng	#	91
13) 1,4-Dichlorobenzene	6.69	146	496455	38.75	ng		98
14) 1,2-Dichlorobenzene	6.84	146	423833	38.13	ng		94
15) Benzyl Alcohol	6.82	79	360117	36.62	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	638640	37.38	ng		63
17) 2-Methylphenol	6.95	107	362035	38.18	ng	#	92
18) Hexachloroethane	7.18	117	177176	37.30	ng	#	87
19) n-Nitroso-di-n-propylamine	7.10	70	366972	43.59	ng		94
20) 3+4-Methylphenols	7.11	107	520371	46.01	ng	#	71
22) Acetophenone	7.09	105	674654	38.48	ng	#	93
24) Nitrobenzene	7.26	77	506023	37.17	ng		98
25) Isophorone	7.50	82	866033	36.72	ng		95
26) 2-Nitrophenol	7.58	139	264449	39.39	ng		92
27) 2,4-Dimethylphenol	7.64	122	434846	39.05	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	542424	37.93	ng		99
29) 2,4-Dichlorophenol	7.83	162	378271	40.12	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	369927	35.80	ng	#	94
31) Naphthalene	7.98	128	1297978	39.90	ng		99
32) Benzoic acid	7.64	122	434846	52.65	ng	#	11
33) 4-Chloroaniline	8.04	127	235864	16.08	ng		98
34) Hexachlorobutadiene	8.10	225	212163	38.90	ng		98
35) Caprolactam	8.40	113	121909	39.34	ng	#	53
36) 4-Chloro-3-methylphenol	8.54	107	388545	35.81	ng		99
37) 2-Methylnaphthalene	8.66	142	786811	37.68	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	333294	37.78	ng		98
40) Hexachlorocyclopentadiene	8.82	237	184616	48.63	ng		95

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Quant Time: Jan 04 00:59:33 2017
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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	8.96	196	247519	40.12	ng		99
43) 2,4,5-Trichlorophenol	9.01	196	256375	40.37	ng		96
45) 1,1'-Biphenyl	9.13	154	909889	38.05	ng		96
46) 2-Chloronaphthalene	9.16	162	705495	37.26	ng		95
47) 2-Nitroaniline	9.26	65	225829	33.50	ng		93
48) Acenaphthylene	9.57	152	1036856	35.61	ng		99
49) Dimethylphthalate	9.44	163	958957	42.94	ng		99
50) 2,6-Dinitrotoluene	9.51	165	200716	41.06	ng		94
51) Acenaphthene	9.74	154	650407	32.94	ng		98
52) 3-Nitroaniline	9.67	138	143106	23.66	ng		95
53) 2,4-Dinitrophenol	9.78	184	52399	19.26	ng	#	78
54) Dibenzofuran	9.91	168	937232	35.15	ng		97
55) 4-Nitrophenol	9.86	139	257764	62.75	ng		99
56) 2,4-Dinitrotoluene	9.91	165	244450	39.84	ng		92
57) Fluorene	10.25	166	690358	35.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	187666	37.37	ng		98
59) Diethylphthalate	10.15	149	826903	38.12	ng		96
60) 4-Chlorophenyl-phenylether	10.25	204	326259	38.41	ng		95
61) 4-Nitroaniline	10.29	138	172201	27.47	ng		99
62) Azobenzene	10.41	77	916416	38.37	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	91939	31.20	ng		96
65) n-Nitrosodiphenylamine	10.38	169	670584	46.38	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	209197	41.27	ng	#	82
67) Hexachlorobenzene	10.80	284	197137	36.39	ng	#	85
68) Atrazine	10.90	200	189934	40.72	ng		95
69) Pentachlorophenol	11.01	266	201089	75.64	ng		99
70) Phenanthrene	11.21	178	967909	36.63	ng		98
71) Anthracene	11.27	178	1021416	42.91	ng		97
72) Carbazole	11.43	167	915688	40.15	ng		98
73) Di-n-butylphthalate	11.77	149	1078135	42.87	ng	#	96
74) Fluoranthene	12.41	202	933770	39.84	ng		91
76) Benzidine	12.53	184	180501	18.79	ng		99
77) Pyrene	12.63	202	953926	40.84	ng		98
79) Butylbenzylphthalate	13.26	149	381054	35.87	ng		94
80) Benzo(a)anthracene	13.82	228	748141	41.64	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	169812	24.92	ng		98
82) Chrysene	13.85	228	717016	39.78	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	481565	38.50	ng	#	95
84) Di-n-octyl phthalate	14.44	149	912015	39.36	ng		96
85) Indeno(1,2,3-cd)pyrene	16.52	276	870455	55.75	ng		99
87) Benzo(b)fluoranthene	14.83	252	797585m	33.71	ng		
88) Benzo(k)fluoranthene	14.86	252	775104m	38.41	ng		
89) Benzo(a)pyrene	15.16	252	783828	37.32	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	708307	41.03	ng		96
91) Benzo(g,h,i)perylene	16.91	276	736569	41.03	ng		98

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

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