Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092122.D
Acq On : 6 Jan 2017 17:39
Operator : UM/SJ
Sample : I1025-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7-8-COMP10MSD

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:44 AM

Quant Time: Jan 06 18:25:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200634	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	859380	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	452019	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	722204	20.00	ng		0.00
75) Chrysene-d12	13.79	240	382799	20.00	ng		0.00
86) Perylene-d12	15.15	264	329920	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1650893	137.39	ng		0.02
7) Phenol-d6	6.31	99	1925015	131.22	ng		0.00
23) Nitrobenzene-d5	7.21	82	1352576	87.52	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	467003	124.84	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	2209074	102.84	ng		0.00
78) Terphenyl-d14	12.74	244	1382045	87.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	225885	38.18	ng	#	84
3) Pyridine	2.88	79	551236m	26.70	ng		
4) n-Nitrosodimethylamine	2.81	42	296289	38.04	ng		97
6) Aniline	6.31	93	146779	7.70	ng	#	45
8) 2-Chlorophenol	6.44	128	647708	47.39	ng		94
9) Benzaldehyde	6.18	77	48194	4.19	ng		90
10) Phenol	6.32	94	747017	44.69	ng	#	74
11) bis(2-Chloroethyl)ether	6.39	93	650624	48.91	ng		98
12) 1,3-Dichlorobenzene	6.58	146	659282	45.18	ng		97
13) 1,4-Dichlorobenzene	6.66	146	663367	44.67	ng		93
14) 1,2-Dichlorobenzene	6.81	146	612520	47.53	ng		99
15) Benzyl Alcohol	6.80	79	535936	47.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	942497	47.58	ng		78
17) 2-Methylphenol	6.93	107	538511	48.99	ng		95
18) Hexachloroethane	7.16	117	252131	45.79	ng		97
19) n-Nitroso-di-n-propylamine	7.08	70	526971	53.99	ng		91
20) 3+4-Methylphenols	7.09	107	736568	56.18	ng	#	73
22) Acetophenone	7.06	105	981064	46.28	ng	#	91
24) Nitrobenzene	7.24	77	772076	46.90	ng		91
25) Isophorone	7.48	82	1342767	47.09	ng		96
26) 2-Nitrophenol	7.56	139	374588	46.15	ng	#	79
27) 2,4-Dimethylphenol	7.61	122	589568	43.79	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	842107	48.70	ng		99
29) 2,4-Dichlorophenol	7.81	162	552345	48.45	ng		96
30) 1,2,4-Trichlorobenzene	7.88	180	569311	45.57	ng		97
31) Naphthalene	7.96	128	1920579	48.83	ng		98
32) Benzoic acid	7.76	122	457907	45.85	ng	#	86
33) 4-Chloroaniline	8.01	127	82212	4.64	ng		95
34) Hexachlorobutadiene	8.07	225	281899	42.75	ng		100
35) Caprolactam	8.39	113	162715m	43.43	ng		
36) 4-Chloro-3-methylphenol	8.52	107	615883	46.95	ng		97
37) 2-Methylnaphthalene	8.64	142	1191458	53.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	538403	47.14	ng		99
40) Hexachlorocyclopentadiene	8.80	237	474922	92.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	358063	44.83	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	393872	47.92	ng	#	87
45) 1,1'-Biphenyl	9.11	154	1577506	50.97	ng		98
46) 2-Chloronaphthalene	9.13	162	1191743	48.62	ng		99
47) 2-Nitroaniline	9.24	65	409690	46.95	ng		94
48) Acenaphthylene	9.54	152	1830318	48.56	ng		99
49) Dimethylphthalate	9.42	163	1316086	45.52	ng		99
50) 2,6-Dinitrotoluene	9.48	165	279500	44.17	ng	#	67
51) Acenaphthene	9.72	154	1168235	45.71	ng		99
52) 3-Nitroaniline	9.65	138	49657	6.34	ng		87
53) 2,4-Dinitrophenol	9.76	184	372698	105.85	ng	#	89
54) Dibenzofuran	9.89	168	1555685	45.08	ng		98
55) 4-Nitrophenol	9.84	139	430768	81.02	ng	#	79
56) 2,4-Dinitrotoluene	9.89	165	400612	50.44	ng		94
57) Fluorene	10.23	166	1253340	49.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	327961	50.45	ng		98
59) Diethylphthalate	10.12	149	1313672	46.79	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	505924	46.02	ng		97
61) 4-Nitroaniline	10.26	138	333603	41.11	ng		88
62) Azobenzene	10.38	77	1517809	49.10	ng		98
64) 4,6-Dinitro-2-methylphenol	10.29	198	219200	50.19	ng	#	38
65) n-Nitrosodiphenylamine	10.34	169	1045356	48.78	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	379096	50.46	ng	#	88
67) Hexachlorobenzene	10.77	284	372139	46.34	ng	#	80
68) Atrazine	10.88	200	371586	53.75	ng		98
69) Pentachlorophenol	10.97	266	375227	95.23	ng		100
70) Phenanthrene	11.18	178	1684632	43.02	ng		99
71) Anthracene	11.24	178	2003520	73.11	ng		99
72) Carbazole	11.40	167	1754531	Below Cal			98
73) Di-n-butylphthalate	11.73	149	1978976	54.17	ng		99
74) Fluoranthene	12.37	202	1865145	55.15	ng		92
76) Benzidine	12.49	184	130447	9.90	ng		96
77) Pyrene	12.58	202	1470376	52.35	ng		99
79) Butylbenzylphthalate	13.23	149	457050	35.78	ng	#	76
80) Benzo(a)anthracene	13.77	228	1173701	54.32	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	184435	22.51	ng		97
82) Chrysene	13.81	228	951343	43.89	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	840453	55.87	ng	#	97
84) Di-n-octyl phthalate	14.39	149	1342410	48.17	ng		98
85) Indeno(1,2,3-cd)pyrene	16.43	276	964608	51.37	ng		99
87) Benzo(b)fluoranthene	14.78	252	1097020m	53.41	ng		
88) Benzo(k)fluoranthene	14.80	252	785820m	44.86	ng		
89) Benzo(a)pyrene	15.10	252	917938	50.35	ng	#	96
90) Dibenzo(a,h)anthracene	16.44	278	791751	52.84	ng	#	94
91) Benzo(g,h,i)perylene	16.80	276	843194	54.11	ng		98

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

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