Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092125.D
Acq On : 6 Jan 2017 19:03
Operator : UM/SJ
Sample : I1025-03MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

Manual Integrations APPROVED
Sohil
1/9/2017 10:48:05 AM

Quant Time: Jan 06 23:17:19 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

1/9/2017 10:48:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	171557	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	847649	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	318786	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	429746	20.00	ng		0.00
75) Chrysene-d12	13.79	240	335548	20.00	ng		0.00
86) Perylene-d12	15.16	264	359797	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1982939	193.00	ng		0.03
7) Phenol-d6	6.33	99	2095713	167.07	ng		0.02
23) Nitrobenzene-d5	7.22	82	1217316	79.86	ng		0.01
41) 2,4,6-Tribromophenol	10.47	330	275298	104.35	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1482863	97.15	ng		0.00
78) Terphenyl-d14	12.75	244	1069582	77.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	257977	51.00	ng		96
3) Pyridine	2.79	79	824876	46.72	ng		98
4) n-Nitrosodimethylamine	2.76	42	349031	52.41	ng		99
6) Aniline	6.31	93	369395	22.67	ng	#	43
8) 2-Chlorophenol	6.45	128	642313	54.96	ng		89
9) Benzaldehyde	6.18	77	55712	5.80	ng		97
10) Phenol	6.34	94	1019970	71.35	ng	#	67
11) bis(2-Chloroethyl)ether	6.39	93	696676	61.25	ng		98
12) 1,3-Dichlorobenzene	6.58	146	630381m	50.53	ng		
13) 1,4-Dichlorobenzene	6.66	146	608504	47.92	ng		94
14) 1,2-Dichlorobenzene	6.81	146	592677	53.79	ng		97
15) Benzyl Alcohol	6.81	79	548846	56.31	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.94	45	893304	52.74	ng		64
17) 2-Methylphenol	6.95	107	443092	47.14	ng		98
18) Hexachloroethane	7.16	117	254299	54.01	ng		97
19) n-Nitroso-di-n-propylamine	7.08	70	497293	59.59	ng		99
20) 3+4-Methylphenols	7.10	107	719781	64.20	ng	#	69
22) Acetophenone	7.06	105	1036044	49.55	ng	#	92
24) Nitrobenzene	7.24	77	564240	34.75	ng		99
25) Isophorone	7.49	82	1275454	45.35	ng		95
26) 2-Nitrophenol	7.56	139	385433	48.14	ng		91
27) 2,4-Dimethylphenol	7.62	122	540027	40.67	ng		91
28) bis(2-Chloroethoxy)methane	7.69	93	718664	42.14	ng		99
29) 2,4-Dichlorophenol	7.82	162	362657	32.25	ng		94
30) 1,2,4-Trichlorobenzene	7.88	180	536109	43.51	ng		95
31) Naphthalene	7.96	128	1848060	47.64	ng		100
33) 4-Chloroaniline	8.02	127	147115	8.41	ng	#	93
34) Hexachlorobutadiene	8.07	225	259737	39.93	ng		100
35) Caprolactam	8.38	113	130041	35.19	ng	#	64
36) 4-Chloro-3-methylphenol	8.53	107	386749	29.89	ng		100
37) 2-Methylnaphthalene	8.64	142	898971	35.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	434625	53.96	ng		98
40) Hexachlorocyclopentadiene	8.80	237	223435	63.17	ng		99
42) 2,4,6-Trichlorophenol	8.94	196	246837	43.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	231098	39.87	ng	#	86
45) 1,1'-Biphenyl	9.11	154	1158892	53.09	ng		99
46) 2-Chloronaphthalene	9.13	162	882765	51.07	ng		98
47) 2-Nitroaniline	9.24	65	236284	38.39	ng		99
48) Acenaphthylene	9.54	152	1284344	48.31	ng		98
49) Dimethylphthalate	9.42	163	1096744	53.79	ng		98
50) 2,6-Dinitrotoluene	9.48	165	184474	41.34	ng	#	66
51) Acenaphthene	9.72	154	823910	45.71	ng		99
52) 3-Nitroaniline	9.65	138	148886	26.96	ng		93
53) 2,4-Dinitrophenol	9.76	184	16519	6.65	ng	#	73
54) Dibenzofuran	9.89	168	1087000	44.66	ng		97
55) 4-Nitrophenol	9.85	139	255999m	68.27	ng		
56) 2,4-Dinitrotoluene	9.88	165	226805	40.49	ng	#	74
57) Fluorene	10.23	166	826419	46.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	176118	38.41	ng		99
59) Diethylphthalate	10.12	149	895847	45.24	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	331203	42.71	ng		98
61) 4-Nitroaniline	10.26	138	175621	30.69	ng		83
62) Azobenzene	10.38	77	972672	44.62	ng		98
64) 4,6-Dinitro-2-methylphenol	10.29	198	62744	24.14	ng	#	60
65) n-Nitrosodiphenylamine	10.34	169	675124	52.94	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	233445	52.22	ng	#	90
67) Hexachlorobenzene	10.77	284	232025	48.56	ng	#	72
68) Atrazine	10.88	200	215136	52.30	ng		94
69) Pentachlorophenol	10.97	266	178399	76.09	ng		98
70) Phenanthrene	11.18	178	1028033	44.12	ng		99
71) Anthracene	11.24	178	1127348	63.26	ng		97
72) Carbazole	11.40	167	964136	57.09	ng		98
73) Di-n-butylphthalate	11.73	149	1180487	54.31	ng		99
74) Fluoranthene	12.37	202	1084575	53.80	ng		91
76) Benzidine	12.49	184	391775	46.14	ng		96
77) Pyrene	12.59	202	1070134	43.47	ng		99
79) Butylbenzylphthalate	13.23	149	526877	47.06	ng	#	81
80) Benzo(a)anthracene	13.77	228	963485	50.87	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	246587	34.33	ng	#	95
82) Chrysene	13.81	228	877596	46.19	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	674250	51.13	ng	#	98
84) Di-n-octyl phthalate	14.39	149	1253601	51.32	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	874261	53.12	ng		100
87) Benzo(b)fluoranthene	14.78	252	958484m	42.79	ng		
88) Benzo(k)fluoranthene	14.80	252	925908m	48.47	ng		
89) Benzo(a)pyrene	15.10	252	892924	44.91	ng		99
90) Dibenzo(a,h)anthracene	16.44	278	710250	43.46	ng		100
91) Benzo(g,h,i)perylene	16.80	276	730332	42.98	ng	#	95

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

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