Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081846.D
Acq On : 28 Sep 2015 16:32
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:10:26 PM

Quant Time: Sep 28 17:22:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 16:48:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	108153	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	432081	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	205859	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	390249	20.00	ng		0.00
75) Chrysene-d12	14.12	240	362066	20.00	ng		0.00
86) Perylene-d12	15.58	264	286134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	587748	91.94	ng		0.00
7) Phenol-d6	6.56	99	702895	86.92	ng		0.00
23) Nitrobenzene-d5	7.51	82	640545	97.81	ng		0.01
41) 2,4,6-Tribromophenol	10.78	330	196437	109.91	ng		0.01
44) 2-Fluorobiphenyl	9.30	172	1206637	96.22	ng		0.00
78) Terphenyl-d14	13.05	244	1026212	64.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	127629	40.33	ng		86
3) Pyridine	3.29	79	343626	38.50	ng		85
4) n-Nitrosodimethylamine	3.26	42	151041	35.85	ng		96
6) Aniline	6.59	93	483656	39.95	ng	#	83
8) 2-Chlorophenol	6.72	128	313916	44.56	ng		100
9) Benzaldehyde	6.48	77	234690	49.09	ng	#	78
10) Phenol	6.57	94	400671	42.66	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	308511	44.79	ng		92
12) 1,3-Dichlorobenzene	6.87	146	368879	44.25	ng	#	93
13) 1,4-Dichlorobenzene	6.95	146	383979m	45.53	ng		
14) 1,2-Dichlorobenzene	7.11	146	340416	43.38	ng		99
15) Benzyl Alcohol	7.07	79	257384	40.36	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.21	45	435354	36.95	ng		80
17) 2-Methylphenol	7.19	107	261459	43.94	ng	#	87
18) Hexachloroethane	7.44	117	123379	44.92	ng		91
19) n-Nitroso-di-n-propylamine	7.35	70	214751	39.84	ng	#	78
20) 3+4-Methylphenols	7.34	107	318205	42.57	ng	#	71
22) Acetophenone	7.35	105	407054	42.95	ng	#	81
24) Nitrobenzene	7.52	77	321067	43.94	ng	#	68
25) Isophorone	7.76	82	616293	42.48	ng	#	92
26) 2-Nitrophenol	7.84	139	175896	66.28	ng	#	79
27) 2,4-Dimethylphenol	7.87	122	297235	45.18	ng	#	83
28) bis(2-Chloroethoxy)methane	7.98	93	347447	41.00	ng	#	96
29) 2,4-Dichlorophenol	8.08	162	281358	45.93	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	303512	44.15	ng		96
31) Naphthalene	8.24	128	855684	42.93	ng		97
32) Benzoic acid	8.00	122	174527	136.24	ng	#	74
33) 4-Chloroaniline	8.30	127	407115	46.54	ng	#	92
34) Hexachlorobutadiene	8.35	225	176712	43.58	ng		98
35) Caprolactam	8.67	113	83876	51.26	ng		90
36) 4-Chloro-3-methylphenol	8.78	107	281094	45.79	ng		89
37) 2-Methylnaphthalene	8.94	142	628522	44.25	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	287993	43.83	ng		98
40) Hexachlorocyclopentadiene	9.09	237	171548	60.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	204931	47.34	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	217531	51.07	ng	#	93
45) 1,1'-Biphenyl	9.41	154	743557	46.19	ng		94
46) 2-Chloronaphthalene	9.43	162	610529	47.15	ng		97
47) 2-Nitroaniline	9.52	65	178311	51.78	ng	#	65
48) Acenaphthylene	9.84	152	909839	41.52	ng		96
49) Dimethylphthalate	9.70	163	662026	42.26	ng	#	98
50) 2,6-Dinitrotoluene	9.77	165	155900	51.56	ng	#	90
51) Acenaphthene	10.01	154	533271	42.23	ng		89
52) 3-Nitroaniline	9.94	138	192199	58.61	ng	#	87
53) 2,4-Dinitrophenol	10.03	184	54772	176.43	ng	#	28
54) Dibenzofuran	10.18	168	756095	40.82	ng	#	87
55) 4-Nitrophenol	10.09	139	130437	57.68	ng	#	50
56) 2,4-Dinitrotoluene	10.17	165	210988	58.29	ng	#	93
57) Fluorene	10.53	166	575039	40.45	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	166754	51.29	ng		97
59) Diethylphthalate	10.40	149	634134	41.80	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	280191	42.94	ng		91
61) 4-Nitroaniline	10.56	138	188016	59.02	ng	#	58
62) Azobenzene	10.67	77	606087	39.07	ng		86
64) 4,6-Dinitro-2-methylphenol	10.57	198	86407	112.05	ng		92
65) n-Nitrosodiphenylamine	10.64	169	536519	40.77	ng		91
66) 4-Bromophenyl-phenylether	11.02	248	187801	43.22	ng	#	81
67) Hexachlorobenzene	11.07	284	217000	47.86	ng	#	83
68) Atrazine	11.17	200	168982	42.94	ng		83
69) Pentachlorophenol	11.27	266	132999	71.77	ng		100
70) Phenanthrene	11.50	178	942498	42.24	ng		96
71) Anthracene	11.54	178	902426	41.98	ng		97
72) Carbazole	11.70	167	873057	43.74	ng		95
73) Di-n-butylphthalate	12.02	149	890384	36.65	ng	#	97
74) Fluoranthene	12.69	202	978688	43.53	ng		86
76) Benzidine	12.81	184	558088	45.42	ng	#	96
77) Pyrene	12.92	202	1026518	37.61	ng		96
79) Butylbenzylphthalate	13.53	149	399858	36.76	ng		97
80) Benzo(a)anthracene	14.10	228	878042	39.99	ng		96
81) 3,3'-Dichlorobenzidine	14.07	252	331934	47.60	ng	#	94
82) Chrysene	14.14	228	814432m	38.68	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	474134	35.94	ng	#	90
84) Di-n-octyl phthalate	14.70	149	782908	40.36	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.05	276	710169	36.84	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	788684	46.48	ng	#	85
88) Benzo(k)fluoranthene	15.18	252	707080m	43.26	ng		
89) Benzo(a)pyrene	15.52	252	682606	44.56	ng	#	86
90) Dibenzo(a,h)anthracene	17.06	278	570822	35.76	ng	#	83
91) Benzo(g,h,i)perylene	17.50	276	581652	35.34	ng	#	73

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

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