Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081843.D
Acq On : 28 Sep 2015 15:00
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:10:07 PM

Quant Time: Sep 28 17:15:56 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	106352	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	439646	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	213087	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	406012	20.00	ng		0.00
75) Chrysene-d12	14.10	240	367109	20.00	ng		-0.01
86) Perylene-d12	15.58	264	313245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	123543	19.65	ng		0.00
7) Phenol-d6	6.55	99	166396	20.93	ng		-0.01
23) Nitrobenzene-d5	7.50	82	138749	20.82	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	46964	25.39	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	308416	23.76	ng		-0.01
78) Terphenyl-d14	13.05	244	303154	18.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	26620	8.55	ng		85
3) Pyridine	3.31	79	64510	7.35	ng	#	83
4) n-Nitrosodimethylamine	3.25	42	32089	7.75	ng		95
6) Aniline	6.59	93	106981	8.99	ng	#	87
8) 2-Chlorophenol	6.71	128	72146	10.42	ng		92
9) Benzaldehyde	6.48	77	52952	11.26	ng	#	86
10) Phenol	6.56	94	89453m	9.69	ng		
11) bis(2-Chloroethyl)ether	6.66	93	71792	10.60	ng		95
12) 1,3-Dichlorobenzene	6.87	146	82970	10.12	ng	#	95
13) 1,4-Dichlorobenzene	6.95	146	87997	10.61	ng	#	95
14) 1,2-Dichlorobenzene	7.10	146	81013	10.50	ng		93
15) Benzyl Alcohol	7.07	79	58456	9.32	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.21	45	99783	8.61	ng		74
17) 2-Methylphenol	7.19	107	55170	9.43	ng	#	87
18) Hexachloroethane	7.44	117	27321	10.12	ng		89
19) n-Nitroso-di-n-propylamine	7.34	70	52677	9.94	ng	#	77
20) 3+4-Methylphenols	7.34	107	75806	10.31	ng	#	21
22) Acetophenone	7.34	105	100243	10.40	ng	#	78
24) Nitrobenzene	7.51	77	74201	9.98	ng	#	64
25) Isophorone	7.75	82	141934	9.62	ng	#	89
26) 2-Nitrophenol	7.84	139	31515	11.67	ng	#	82
27) 2,4-Dimethylphenol	7.87	122	61284	9.15	ng		86
28) bis(2-Chloroethoxy)methane	7.97	93	85235	9.88	ng	#	92
29) 2,4-Dichlorophenol	8.08	162	60279	9.67	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	71605	10.24	ng		97
31) Naphthalene	8.24	128	213195	10.51	ng		99
32) Benzoic acid	7.94	122	20584	15.79	ng		79
33) 4-Chloroaniline	8.30	127	88090	9.90	ng	#	95
34) Hexachlorobutadiene	8.35	225	41507	10.06	ng		98
35) Caprolactam	8.63	113	16347	9.82	ng	#	78
36) 4-Chloro-3-methylphenol	8.77	107	59611	9.54	ng	#	83
37) 2-Methylnaphthalene	8.94	142	137393	9.51	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	71823	10.56	ng		98
40) Hexachlorocyclopentadiene	9.09	237	28266	9.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	47532	10.61	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	46454	10.54	ng	#	94
45) 1,1'-Biphenyl	9.39	154	179599	10.78	ng		96
46) 2-Chloronaphthalene	9.42	162	137161	10.23	ng		94
47) 2-Nitroaniline	9.52	65	39217	11.00	ng	#	75
48) Acenaphthylene	9.84	152	229967	10.14	ng		98
49) Dimethylphthalate	9.69	163	159882	9.86	ng	#	97
50) 2,6-Dinitrotoluene	9.76	165	33627	10.74	ng	#	88
51) Acenaphthene	10.01	154	135995	10.40	ng		90
52) 3-Nitroaniline	9.93	138	37970	11.19	ng	#	75
53) 2,4-Dinitrophenol	10.03	184	5784	18.00	ng	#	57
54) Dibenzofuran	10.18	168	191859	10.01	ng		94
55) 4-Nitrophenol	10.09	139	25892	11.06	ng	#	75
56) 2,4-Dinitrotoluene	10.16	165	43269	11.55	ng	#	94
57) Fluorene	10.53	166	157105	10.68	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	39314	11.68	ng	#	93
59) Diethylphthalate	10.39	149	145004	9.23	ng		96
60) 4-Chlorophenyl-phenylether	10.51	204	71154	10.53	ng	#	85
61) 4-Nitroaniline	10.54	138	36948	11.20	ng	#	40
62) Azobenzene	10.67	77	138999	8.66	ng		90
64) 4,6-Dinitro-2-methylphenol	10.56	198	12572	15.67	ng		85
65) n-Nitrosodiphenylamine	10.63	169	132908	9.71	ng		94
66) 4-Bromophenyl-phenylether	11.01	248	43725	9.67	ng		95
67) Hexachlorobenzene	11.06	284	47764	10.13	ng	#	78
68) Atrazine	11.15	200	40322	9.85	ng	#	80
69) Pentachlorophenol	11.27	266	22522	11.68	ng		98
70) Phenanthrene	11.49	178	235661	10.15	ng		97
71) Anthracene	11.54	178	228463	10.21	ng		99
72) Carbazole	11.69	167	202482	9.75	ng		96
73) Di-n-butylphthalate	12.02	149	231901	9.17	ng	#	99
74) Fluoranthene	12.68	202	239133	10.22	ng		92
76) Benzidine	12.80	184	114074	9.16	ng	#	97
77) Pyrene	12.90	202	241525	8.73	ng		97
79) Butylbenzylphthalate	13.53	149	79904	7.24	ng	#	84
80) Benzo(a)anthracene	14.09	228	216127	9.71	ng		97
81) 3,3'-Dichlorobenzidine	14.06	252	69360	9.81	ng	#	97
82) Chrysene	14.13	228	209695	9.82	ng		95
83) Bis(2-ethylhexyl)phthalate	14.08	149	113156	8.46	ng	#	90
84) Di-n-octyl phthalate	14.70	149	185390	9.43	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	163361	8.36	ng	#	87
87) Benzo(b)fluoranthene	15.14	252	178035m	9.58	ng		
88) Benzo(k)fluoranthene	15.18	252	185086m	10.34	ng		
89) Benzo(a)pyrene	15.51	252	162084	9.66	ng	#	87
90) Dibenzo(a,h)anthracene	17.05	278	132304	7.57	ng	#	82
91) Benzo(g,h,i)perylene	17.48	276	134228	7.45	ng	#	75

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

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