Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082519.D
Acq On : 26 Oct 2015 18:55
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Oct 27 01:34:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 01:37:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97580m	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	379991	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	201118	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	367190	20.00	ng		0.00
75) Chrysene-d12	13.91	240	337795	20.00	ng		0.00
86) Perylene-d12	15.36	264	299356	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	109394	22.73	ng		0.00
7) Phenol-d6	6.38	99	130990m	21.00	ng		0.00
23) Nitrobenzene-d5	7.30	82	122443	21.69	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	30829	16.65	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	271780	22.69	ng		0.00
78) Terphenyl-d14	12.84	244	253077	20.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	29710	12.22	ng		86
3) Pyridine	2.94	79	58746	10.27	ng		97
4) n-Nitrosodimethylamine	2.88	42	23469	9.72	ng		90
6) Aniline	6.39	93	84420	10.49	ng		93
8) 2-Chlorophenol	6.51	128	60142	10.19	ng		94
9) Benzaldehyde	6.27	77	40328	12.65	ng		97
10) Phenol	6.39	94	79479	11.22	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	64369	10.70	ng		94
12) 1,3-Dichlorobenzene	6.66	146	74822m	10.94	ng		
13) 1,4-Dichlorobenzene	6.74	146	80118m	11.24	ng		
14) 1,2-Dichlorobenzene	6.89	146	74538	11.01	ng	#	92
15) Benzyl Alcohol	6.88	79	48990	11.34	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	84709	9.97	ng		68
17) 2-Methylphenol	6.99	107	47851	10.22	ng		99
18) Hexachloroethane	7.23	117	25394	10.35	ng		90
19) n-Nitroso-di-n-propylamine	7.14	70	48675	11.16	ng		96
20) 3+4-Methylphenols	7.15	107	66839m	11.90	ng		
22) Acetophenone	7.14	105	88807	11.65	ng		95
24) Nitrobenzene	7.31	77	73754	11.70	ng		91
25) Isophorone	7.55	82	128821	11.24	ng		98
26) 2-Nitrophenol	7.63	139	32952	10.91	ng	#	70
27) 2,4-Dimethylphenol	7.68	122	57387	11.57	ng		91
28) bis(2-Chloroethoxy)methane	7.77	93	76899	11.71	ng		98
29) 2,4-Dichlorophenol	7.89	162	56414	11.48	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	62059	10.93	ng	#	94
31) Naphthalene	8.03	128	191488	11.59	ng		99
32) Benzoic acid	7.79	122	23956	7.55	ng		95
33) 4-Chloroaniline	8.10	127	71272	10.47	ng		99
34) Hexachlorobutadiene	8.15	225	37392	10.70	ng		98
35) Caprolactam	8.45	113	14563	10.35	ng		92
36) 4-Chloro-3-methylphenol	8.59	107	50398	10.34	ng		87
37) 2-Methylnaphthalene	8.73	142	128769	11.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	60488	10.02	ng		99
42) 2,4,6-Trichlorophenol	9.02	196	39218	9.80	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	42351	9.85	ng		97
45) 1,1'-Biphenyl	9.19	154	154316	9.88	ng		97
46) 2-Chloronaphthalene	9.22	162	121706	10.04	ng		94
47) 2-Nitroaniline	9.33	65	34324	10.28	ng	#	82
48) Acenaphthylene	9.63	152	201031	10.71	ng		97
49) Dimethylphthalate	9.50	163	145359	10.08	ng		99
50) 2,6-Dinitrotoluene	9.57	165	32609	10.80	ng	#	80
51) Acenaphthene	9.81	154	113538	10.16	ng		99
52) 3-Nitroaniline	9.74	138	35295	10.36	ng		87
53) 2,4-Dinitrophenol	9.87	184	6476m	4.73	ng		
54) Dibenzofuran	9.98	168	170146	11.00	ng		93
55) 4-Nitrophenol	9.94	139	4248m	2.36	ng		
56) 2,4-Dinitrotoluene	9.98	165	37370	10.07	ng	#	75
57) Fluorene	10.32	166	141400	11.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	32304	9.24	ng	#	94
59) Diethylphthalate	10.19	149	146517	10.94	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	63619	10.81	ng	#	76
61) 4-Nitroaniline	10.35	138	31895	9.63	ng		96
62) Azobenzene	10.47	77	139410	10.76	ng		81
64) 4,6-Dinitro-2-methylphenol	10.39	198	19135	9.35	ng	#	72
65) n-Nitrosodiphenylamine	10.43	169	121522	11.13	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	38044	10.48	ng	#	87
67) Hexachlorobenzene	10.86	284	37616	9.53	ng	#	66
68) Atrazine	10.96	200	39347	11.14	ng		99
69) Pentachlorophenol	11.07	266	7494	3.91	ng		93
70) Phenanthrene	11.28	178	212419	11.81	ng		98
71) Anthracene	11.33	178	207382	11.16	ng		99
72) Carbazole	11.50	167	179432	10.58	ng		97
73) Di-n-butylphthalate	11.82	149	214689	10.44	ng		98
74) Fluoranthene	12.47	202	216541	11.34	ng		95
76) Benzidine	12.61	184	109864	11.31	ng		97
77) Pyrene	12.70	202	222811	11.08	ng		98
79) Butylbenzylphthalate	13.32	149	84891	9.33	ng		97
80) Benzo(a)anthracene	13.90	228	195419	11.10	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	69249	10.38	ng		96
82) Chrysene	13.93	228	185915	10.02	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	121823	9.46	ng	#	97
84) Di-n-octyl phthalate	14.53	149	199071	9.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	176334	11.77	ng		99
87) Benzo(b)fluoranthene	14.96	252	172820m	9.73	ng		
88) Benzo(k)fluoranthene	14.98	252	174780m	11.28	ng		
89) Benzo(a)pyrene	15.30	252	165584	10.58	ng	#	98
90) Dibenzo(a,h)anthracene	16.73	278	146062	11.35	ng		99
91) Benzo(g,h,i)perylene	17.13	276	144668	11.54	ng		99

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

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