Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083041.D
Acq On : 19 Nov 2015 16:19
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Quant Time: Nov 20 01:35:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 00:25:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111853	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	435423	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	229991	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	423027	20.00	ng		0.00
75) Chrysene-d12	13.86	240	452379	20.00	ng		0.00
86) Perylene-d12	15.25	264	358343	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	40117	5.66	ng		0.00
7) Phenol-d6	6.35	99	50255	5.27	ng		0.00
23) Nitrobenzene-d5	7.26	82	55120	5.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	12021	4.61	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	101885	6.28	ng		-0.01
78) Terphenyl-d14	12.81	244	102776	5.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	11283	3.68	ng	#	77
3) Pyridine	2.92	79	20837	2.31	ng		94
4) n-Nitrosodimethylamine	2.80	42	10882	2.45	ng	#	90
6) Aniline	6.36	93	34159	2.56	ng		95
8) 2-Chlorophenol	6.49	128	22611	2.86	ng		86
9) Benzaldehyde	6.24	77	17488	3.40	ng		90
10) Phenol	6.36	94	28755	2.70	ng	#	65
11) bis(2-Chloroethyl)ether	6.43	93	22182	2.79	ng		96
12) 1,3-Dichlorobenzene	6.64	146	24367m	2.73	ng		
13) 1,4-Dichlorobenzene	6.72	146	25047	2.68	ng		98
14) 1,2-Dichlorobenzene	6.88	146	23222	2.74	ng		96
15) Benzyl Alcohol	6.85	79	20206	2.44	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	33026	2.75	ng		95
17) 2-Methylphenol	6.98	107	17630	2.64	ng		93
18) Hexachloroethane	7.22	117	10058	3.01	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	19216	2.77	ng		99
20) 3+4-Methylphenols	7.13	107	23139	2.60	ng		96
22) Acetophenone	7.12	105	33285	2.66	ng	#	88
24) Nitrobenzene	7.29	77	25497	2.54	ng	#	87
25) Isophorone	7.53	82	50040	2.70	ng		99
26) 2-Nitrophenol	7.61	139	11183	2.70	ng		89
27) 2,4-Dimethylphenol	7.65	122	16384	2.13	ng		92
28) bis(2-Chloroethoxy)methane	7.74	93	26914	2.57	ng	#	98
29) 2,4-Dichlorophenol	7.86	162	17692	2.55	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	21170	2.74	ng		98
31) Naphthalene	8.01	128	60247	2.50	ng		99
33) 4-Chloroaniline	8.06	127	28404	2.80	ng	#	92
34) Hexachlorobutadiene	8.14	225	12978	2.67	ng		96
35) Caprolactam	8.38	113	5894	2.74	ng	#	88
36) 4-Chloro-3-methylphenol	8.56	107	20991	2.57	ng		94
37) 2-Methylnaphthalene	8.70	142	43880	2.85	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	20320	2.73	ng		96
42) 2,4,6-Trichlorophenol	8.99	196	14967	2.67	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	13376	2.39	ng	#	80

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.17	154	55349	2.85	ng		93
46) 2-Chloronaphthalene	9.18	162	39852	2.60	ng		93
47) 2-Nitroaniline	9.29	65	14715	2.64	ng	#	78
48) Acenaphthylene	9.61	152	67691	2.78	ng		98
49) Dimethylphthalate	9.47	163	54207	2.84	ng		100
50) 2,6-Dinitrotoluene	9.53	165	10685	2.58	ng	#	84
51) Acenaphthene	9.78	154	42882	2.80	ng		95
52) 3-Nitroaniline	9.70	138	10872	2.50	ng	#	65
54) Dibenzofuran	9.95	168	59851	2.90	ng		92
55) 4-Nitrophenol	9.87	139	7085	2.07	ng	#	73
56) 2,4-Dinitrotoluene	9.93	165	13688	2.46	ng	#	88
57) Fluorene	10.29	166	47808	2.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	10384	2.25	ng		97
59) Diethylphthalate	10.17	149	48803	2.64	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	21377	2.54	ng		96
61) 4-Nitroaniline	10.29	138	10997	2.43	ng		82
62) Azobenzene	10.44	77	53494	2.68	ng		87
65) n-Nitrosodiphenylamine	10.41	169	39169	2.62	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	14255	2.81	ng		87
67) Hexachlorobenzene	10.84	284	15338	2.71	ng	#	84
68) Atrazine	10.93	200	13695	2.87	ng		97
70) Phenanthrene	11.24	178	74302	3.01	ng		99
71) Anthracene	11.30	178	76303	2.97	ng		95
72) Carbazole	11.46	167	63683	2.82	ng		96
73) Di-n-butylphthalate	11.80	149	88288	3.14	ng		98
74) Fluoranthene	12.43	202	81782	3.16	ng		96
76) Benzidine	12.56	184	37569	2.50	ng		96
77) Pyrene	12.66	202	78206	2.52	ng		97
79) Butylbenzylphthalate	13.29	149	32524	2.36	ng		97
80) Benzo(a)anthracene	13.85	228	73824	2.59	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	26070	2.64	ng	#	92
82) Chrysene	13.88	228	70745	2.77	ng		95
83) Bis(2-ethylhexyl)phthalate	13.86	149	45695	2.44	ng		99
84) Di-n-octyl phthalate	14.48	149	73194	2.37	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.55	276	52123	2.36	ng		98
87) Benzo(b)fluoranthene	14.87	252	66716m	2.89	ng		
88) Benzo(k)fluoranthene	14.89	252	54239m	2.65	ng		
89) Benzo(a)pyrene	15.19	252	53572	2.68	ng	#	95
90) Dibenzo(a,h)anthracene	16.56	278	44230	2.61	ng		97
91) Benzo(g,h,i)perylene	16.93	276	41324	2.53	ng		96

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

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