Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077681.D
Acq On : 11 Mar 2015 11:10
Operator : TP/IZ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
3/13/2015 9:39:35 AM

Quant Time: Mar 12 02:16:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 01:42:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	45864	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	183118	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	96418	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	198285	20.00	ng		0.00
75) Chrysene-d12	16.03	240	202719	20.00	ng		0.00
86) Perylene-d12	17.71	264	195247	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	13742	5.17	ng		0.00
7) Phenol-d6	6.74	99	16433	4.78	ng		0.00
23) Nitrobenzene-d5	7.86	82	14217	5.38	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	4233	5.08	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	37458	5.92	ng		0.00
78) Terphenyl-d14	14.74	244	45164	5.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	3205	2.72	ng	#	100
3) Pyridine	2.88	79	7050	2.30	ng	#	91
6) Aniline	6.75	93	11346	2.33	ng	#	38
8) 2-Chlorophenol	6.90	128	8645	2.78	ng		92
10) Phenol	6.75	94	10349	2.59	ng		98
11) bis(2-Chloroethyl)ether	6.85	93	7121	2.37	ng		92
12) 1,3-Dichlorobenzene	7.09	146	9574	2.73	ng		98
13) 1,4-Dichlorobenzene	7.20	146	9829	2.72	ng		97
14) 1,2-Dichlorobenzene	7.38	146	9062	2.62	ng		94
15) Benzyl Alcohol	7.36	79	6601	2.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.54	45	9839	2.21	ng		96
17) 2-Methylphenol	7.50	107	6421	2.57	ng		92
18) Hexachloroethane	7.79	117	3077	2.62	ng		96
19) n-Nitroso-di-n-propylamine	7.69	70	5876	2.48	ng	#	95
20) 3+4-Methylphenols	7.70	107	8752	2.71	ng		94
22) Acetophenone	7.68	105	11102	2.62	ng	#	99
24) Nitrobenzene	7.88	77	8156	2.88	ng		97
25) Isophorone	8.18	82	14936	2.54	ng		94
26) 2-Nitrophenol	8.28	139	3143	3.66	ng		91
27) 2,4-Dimethylphenol	8.35	122	7025	2.60	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	9529	2.56	ng		98
29) 2,4-Dichlorophenol	8.58	162	6856	2.92	ng		96
30) 1,2,4-Trichlorobenzene	8.68	180	8087	2.76	ng		98
31) Naphthalene	8.77	128	26418	2.88	ng		100
33) 4-Chloroaniline	8.85	127	9842	2.52	ng		97
34) Hexachlorobutadiene	8.93	225	4482	2.79	ng		99
35) Caprolactam	9.24	113	1756	2.45	ng		97
36) 4-Chloro-3-methylphenol	9.45	107	6992	2.74	ng	#	75
37) 2-Methylnaphthalene	9.63	142	18012	2.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	7908	2.84	ng	#	100
42) 2,4,6-Trichlorophenol	9.98	196	4593	2.87	ng		95
43) 2,4,5-Trichlorophenol	10.03	196	5379	3.14	ng		95
45) 1,1'-Biphenyl	10.21	154	20211	2.63	ng		97
46) 2-Chloronaphthalene	10.23	162	16367	2.84	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	10.36	65	3729	3.22	ng		99
48) Acenaphthylene	10.74	152	29925	3.16	ng		97
49) Dimethylphthalate	10.60	163	19065	2.86	ng		99
50) 2,6-Dinitrotoluene	10.67	165	3289	2.91	ng		92
51) Acenaphthene	10.96	154	16911	2.99	ng		96
52) 3-Nitroaniline	10.87	138	4268	3.15	ng	#	85
54) Dibenzofuran	11.17	168	24476	2.88	ng		97
55) 4-Nitrophenol	11.09	139	2552	2.73	ng	#	84
56) 2,4-Dinitrotoluene	11.16	165	4316	3.20	ng	#	98
57) Fluorene	11.60	166	19771	2.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.32	232	3916	3.06	ng	#	100
59) Diethylphthalate	11.47	149	19256	2.81	ng		95
60) 4-Chlorophenyl-phenylether	11.61	204	9420	2.93	ng		95
61) 4-Nitroaniline	11.62	138	3772	2.87	ng		84
62) Azobenzene	11.80	77	16974	2.52	ng		92
64) 4,6-Dinitro-2-methylphenol	11.67	198	877	2.13	ng	#	78
65) n-Nitrosodiphenylamine	11.75	169	17125	2.66	ng		98
66) 4-Bromophenyl-phenylether	12.21	248	5026	2.30	ng		91
67) Hexachlorobenzene	12.27	284	6119	2.48	ng	#	87
68) Atrazine	12.42	200	4165	2.15	ng		91
70) Phenanthrene	12.79	178	30919	2.70	ng		98
71) Anthracene	12.84	178	30243	2.67	ng		99
72) Carbazole	13.05	167	28540	2.86	ng		97
73) Di-n-butylphthalate	13.51	149	29747	2.44	ng		99
74) Fluoranthene	14.25	202	31729	2.69	ng		91
76) Benzidine	14.43	184	22759	3.78	ng	#	94
77) Pyrene	14.53	202	33273	2.64	ng		98
79) Butylbenzylphthalate	15.37	149	12215	2.70	ng		96
80) Benzo(a)anthracene	16.02	228	34173	2.91	ng		97
81) 3,3'-Dichlorobenzidine	16.00	252	10448	2.73	ng		100
82) Chrysene	16.05	228	28909	2.61	ng		99
83) Bis(2-ethylhexyl)phthalate	16.08	149	19487	2.55	ng	#	95
84) Di-n-octyl phthalate	16.85	149	33365	2.80	ng	#	98
85) Indeno(1,2,3-cd)pyrene	19.08	276	34578	2.73	ng	#	100
87) Benzo(b)fluoranthene	17.28	252	35859	2.85	ng		98
88) Benzo(k)fluoranthene	17.31	252	25303m	2.51	ng		
89) Benzo(a)pyrene	17.64	252	28713	2.66	ng	#	96
90) Dibenzo(a,h)anthracene	19.12	278	28035	2.57	ng		95
91) Benzo(g,h,i)perylene	19.49	276	28164	2.57	ng		97

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

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