Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077687.D
Acq On : 11 Mar 2015 14:02
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:00 AM

Quant Time: Mar 12 02:26:55 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	53298	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	226928	20.00	ng		0.00
38) Acenaphthene-d10	10.92	164	100605	20.00	ng		0.01
63) Phenanthrene-d10	12.75	188	189464	20.00	ng		0.00
75) Chrysene-d12	16.03	240	191073	20.00	ng		0.00
86) Perylene-d12	17.73	264	192263	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	480563	155.66	ng		0.00
7) Phenol-d6	6.74	99	569976	142.70	ng		0.00
23) Nitrobenzene-d5	7.87	82	552524	168.64	ng		0.01
41) 2,4,6-Tribromophenol	11.89	330	146665	168.77	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	1018837	154.27	ng		0.01
78) Terphenyl-d14	14.75	244	1129261	135.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	96816	70.77	ng	#	100
3) Pyridine	2.73	79	314244	88.03	ng		94
4) n-Nitrosodimethylamine	2.68	42	123220	70.64	ng		97
6) Aniline	6.76	93	428404	75.74	ng	#	77
8) 2-Chlorophenol	6.90	128	281419	77.85	ng		96
9) Benzaldehyde	6.61	77	121450	51.66	ng		96
10) Phenol	6.76	94	336260	72.28	ng	#	76
11) bis(2-Chloroethyl)ether	6.86	93	257043	73.47	ng		92
12) 1,3-Dichlorobenzene	7.09	146	305560	75.04	ng		98
13) 1,4-Dichlorobenzene	7.20	146	324802	77.32	ng		98
14) 1,2-Dichlorobenzene	7.38	146	300073	74.52	ng		98
15) Benzyl Alcohol	7.36	79	215367	70.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.54	45	367705	71.10	ng		98
17) 2-Methylphenol	7.50	107	222791	76.76	ng		97
18) Hexachloroethane	7.79	117	108815	79.73	ng		95
19) n-Nitroso-di-n-propylamine	7.70	70	204499	74.16	ng	#	95
20) 3+4-Methylphenols	7.70	107	290643	77.31	ng		97
22) Acetophenone	7.69	105	393505	74.91	ng	#	94
24) Nitrobenzene	7.89	77	305686	87.06	ng	#	86
25) Isophorone	8.19	82	540233	74.15	ng		96
26) 2-Nitrophenol	8.28	139	152472	143.32	ng		94
27) 2,4-Dimethylphenol	8.35	122	258653	77.26	ng		97
28) bis(2-Chloroethoxy)methane	8.48	93	338022	73.15	ng	#	97
29) 2,4-Dichlorophenol	8.58	162	239602	82.36	ng		98
30) 1,2,4-Trichlorobenzene	8.68	180	265280	72.97	ng		97
31) Naphthalene	8.77	128	826942	72.70	ng		98
32) Benzoic acid	8.49	122	153896	158.57	ng		93
33) 4-Chloroaniline	8.85	127	366970	75.84	ng		96
34) Hexachlorobutadiene	8.93	225	151872	76.32	ng		97
35) Caprolactam	9.29	113	71089	79.95	ng		99
36) 4-Chloro-3-methylphenol	9.46	107	219865	69.57	ng		90
37) 2-Methylnaphthalene	9.63	142	503536	62.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	222259	76.47	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	121914	86.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	164109	98.38	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	175208	97.92	ng	#	94
45) 1,1'-Biphenyl	10.21	154	588209	73.43	ng		99
46) 2-Chloronaphthalene	10.24	162	507027	84.41	ng		98
47) 2-Nitroaniline	10.36	65	118495	97.99	ng		89
48) Acenaphthylene	10.74	152	778788	78.84	ng		99
49) Dimethylphthalate	10.60	163	545573	78.52	ng		98
50) 2,6-Dinitrotoluene	10.68	165	125841	106.72	ng	#	68
51) Acenaphthene	10.96	154	442898	75.12	ng		98
52) 3-Nitroaniline	10.88	138	135285	95.60	ng		86
53) 2,4-Dinitrophenol	11.01	184	46294	211.06	ng	#	66
54) Dibenzofuran	11.17	168	659576	74.39	ng		96
55) 4-Nitrophenol	11.09	139	103483	106.00	ng	#	82
56) 2,4-Dinitrotoluene	11.17	165	160198	113.95	ng	#	80
57) Fluorene	11.60	166	544149	77.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	134263	100.43	ng	#	100
59) Diethylphthalate	11.48	149	524495	73.26	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	249786	74.34	ng		96
61) 4-Nitroaniline	11.63	138	133363	97.31	ng		85
62) Azobenzene	11.80	77	489360	69.56	ng		96
64) 4,6-Dinitro-2-methylphenol	11.68	198	76303	194.10	ng	#	65
65) n-Nitrosodiphenylamine	11.76	169	466178	75.66	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	156700	75.00	ng		93
67) Hexachlorobenzene	12.27	284	167354	70.92	ng	#	89
68) Atrazine	12.43	200	134708	72.76	ng		97
69) Pentachlorophenol	12.52	266	93620	106.10	ng		98
70) Phenanthrene	12.79	178	795041	72.74	ng		98
71) Anthracene	12.85	178	823730	76.05	ng		99
72) Carbazole	13.06	167	782572	81.97	ng		98
73) Di-n-butylphthalate	13.51	149	857469	73.64	ng		99
74) Fluoranthene	14.26	202	890269	78.94	ng		98
76) Benzidine	14.44	184	377549	66.56	ng		98
77) Pyrene	14.53	202	878065	73.93	ng		99
79) Butylbenzylphthalate	15.37	149	386595	90.65	ng		94
80) Benzo(a)anthracene	16.02	228	844602	76.39	ng		100
81) 3,3'-Dichlorobenzidine	16.01	252	295580	81.85	ng	#	97
82) Chrysene	16.07	228	762375	73.02	ng		98
83) Bis(2-ethylhexyl)phthalate	16.09	149	575945	79.92	ng	#	98
84) Di-n-octyl phthalate	16.87	149	971877	86.55	ng		100
85) Indeno(1,2,3-cd)pyrene	19.14	276	1034419m	86.65	ng		
87) Benzo(b)fluoranthene	17.31	252	923125	74.46	ng	#	95
88) Benzo(k)fluoranthene	17.33	252	779848m	78.71	ng		
89) Benzo(a)pyrene	17.68	252	802088	75.56	ng	#	96
90) Dibenzo(a,h)anthracene	19.16	278	809513	75.40	ng		98
91) Benzo(g,h,i)perylene	19.55	276	831775	77.08	ng		99

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

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