Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078081.D
Acq On : 30 Mar 2015 14:25
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
3/31/2015 2:16:54 PM

Quant Time: Mar 31 01:11:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:37:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	33370	20.00	ng		-0.01
21) Naphthalene-d8	8.64	136	137733	20.00	ng		-0.01
38) Acenaphthene-d10	10.81	164	70540	20.00	ng		-0.01
63) Phenanthrene-d10	12.65	188	139718	20.00	ng		-0.01
75) Chrysene-d12	15.94	240	153342	20.00	ng		0.01
86) Perylene-d12	17.70	264	151545	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	152728	79.89	ng		-0.02
7) Phenol-d6	6.65	99	187957	79.58	ng		-0.02
23) Nitrobenzene-d5	7.76	82	166176	79.09	ng		-0.02
41) 2,4,6-Tribromophenol	11.79	330	49444	73.26	ng		-0.01
44) 2-Fluorobiphenyl	9.98	172	366528	76.36	ng		-0.01
78) Terphenyl-d14	14.65	244	454178	72.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	30835	35.53	ng	#	100
3) Pyridine	2.57	79	88046	37.75	ng		97
4) n-Nitrosodimethylamine	2.50	42	31219	30.74	ng		100
6) Aniline	6.65	93	131349	38.88	ng	#	90
8) 2-Chlorophenol	6.80	128	91478	40.20	ng		99
9) Benzaldehyde	6.51	77	42331	43.75	ng		88
10) Phenol	6.67	94	111546	39.95	ng	#	68
11) bis(2-Chloroethyl)ether	6.76	93	84629	40.47	ng		99
12) 1,3-Dichlorobenzene	6.98	146	99925	39.48	ng	#	94
13) 1,4-Dichlorobenzene	7.08	146	103903	39.51	ng		96
14) 1,2-Dichlorobenzene	7.26	146	96234	39.91	ng		96
15) Benzyl Alcohol	7.25	79	71529	38.80	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.44	45	110097	39.06	ng		99
17) 2-Methylphenol	7.41	107	74767	40.36	ng		96
18) Hexachloroethane	7.68	117	33359	38.68	ng	#	90
19) n-Nitroso-di-n-propylamine	7.58	70	62554	38.28	ng		99
20) 3+4-Methylphenols	7.61	107	97477	40.10	ng		96
22) Acetophenone	7.57	105	121940	39.99	ng		98
24) Nitrobenzene	7.78	77	91000	40.20	ng		96
25) Isophorone	8.09	82	167885	39.56	ng		97
26) 2-Nitrophenol	8.18	139	44237	39.92	ng		98
27) 2,4-Dimethylphenol	8.26	122	77878	38.57	ng		99
28) bis(2-Chloroethoxy)methane	8.37	93	101405	39.37	ng	#	97
29) 2,4-Dichlorophenol	8.49	162	75347	39.15	ng		94
30) 1,2,4-Trichlorobenzene	8.58	180	82976	38.54	ng		98
31) Naphthalene	8.67	128	281575	39.80	ng		99
32) Benzoic acid	8.37	122	44147	39.77	ng		97
33) 4-Chloroaniline	8.75	127	117461	40.91	ng		96
34) Hexachlorobutadiene	8.82	225	47904	39.25	ng		97
35) Caprolactam	9.17	113	22779	40.50	ng		98
36) 4-Chloro-3-methylphenol	9.37	107	81383	42.03	ng		90
37) 2-Methylnaphthalene	9.53	142	193670	40.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.73	216	76623	36.42	ng	#	100
40) Hexachlorocyclopentadiene	9.71	237	35800	35.81	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	55853	38.32	ng		99
43) 2,4,5-Trichlorophenol	9.93	196	60575	38.47	ng	#	83
45) 1,1'-Biphenyl	10.11	154	224505	39.81	ng		98
46) 2-Chloronaphthalene	10.12	162	180187	39.32	ng		93
47) 2-Nitroaniline	10.26	65	44237	38.87	ng	#	79
48) Acenaphthylene	10.64	152	303295	39.80	ng		99
49) Dimethylphthalate	10.50	163	195996	37.46	ng		99
50) 2,6-Dinitrotoluene	10.58	165	43841	40.42	ng	#	69
51) Acenaphthene	10.85	154	175195	40.10	ng		99
52) 3-Nitroaniline	10.77	138	49047	38.94	ng	#	77
53) 2,4-Dinitrophenol	10.91	184	10174	31.02	ng		92
54) Dibenzofuran	11.07	168	249885	38.56	ng		97
55) 4-Nitrophenol	11.01	139	36183	38.78	ng	#	79
56) 2,4-Dinitrotoluene	11.07	165	60335	42.67	ng	#	72
57) Fluorene	11.49	166	213941	39.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	42932	35.41	ng	#	100
59) Diethylphthalate	11.38	149	197719	38.79	ng		98
60) 4-Chlorophenyl-phenylether	11.51	204	93049	37.89	ng		98
61) 4-Nitroaniline	11.53	138	51866	41.32	ng		77
62) Azobenzene	11.70	77	213281	43.78	ng		98
64) 4,6-Dinitro-2-methylphenol	11.57	198	20243	32.24	ng	#	74
65) n-Nitrosodiphenylamine	11.65	169	183731	39.49	ng		99
66) 4-Bromophenyl-phenylether	12.11	248	56500	37.89	ng		97
67) Hexachlorobenzene	12.16	284	60303	36.81	ng	#	73
68) Atrazine	12.33	200	46531	35.69	ng		93
69) Pentachlorophenol	12.42	266	24306	30.32	ng		97
70) Phenanthrene	12.68	178	318207	39.67	ng		99
71) Anthracene	12.74	178	316695	39.96	ng		99
72) Carbazole	12.96	167	313967	41.65	ng		98
73) Di-n-butylphthalate	13.41	149	330039	39.05	ng		98
74) Fluoranthene	14.16	202	344592	38.95	ng		98
76) Benzidine	14.34	184	125931	33.12	ng		97
77) Pyrene	14.43	202	363156	37.66	ng		99
79) Butylbenzylphthalate	15.27	149	143024	37.62	ng	#	82
80) Benzo(a)anthracene	15.93	228	363635	40.00	ng		100
81) 3,3'-Dichlorobenzidine	15.91	252	121014	40.36	ng	#	98
82) Chrysene	15.96	228	321226	39.30	ng		99
83) Bis(2-ethylhexyl)phthalate	16.00	149	209601	36.40	ng	#	95
84) Di-n-octyl phthalate	16.81	149	368754	37.45	ng		98
85) Indeno(1,2,3-cd)pyrene	19.05	276	412551	40.44	ng	#	100
87) Benzo(b)fluoranthene	17.24	252	348096m	35.18	ng		
88) Benzo(k)fluoranthene	17.28	252	359867m	46.57	ng		
89) Benzo(a)pyrene	17.63	252	332470	40.28	ng	#	97
90) Dibenzo(a,h)anthracene	19.08	278	322090	39.34	ng		98
91) Benzo(g,h,i)perylene	19.45	276	330951	39.71	ng		98

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

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