Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087730.D
Acq On : 6 Jun 2016 2:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:24 PM

Quant Time: Jun 06 11:29:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115730	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	479858	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	220627	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	399273	20.00	ng		0.00
75) Chrysene-d12	14.02	240	247790	20.00	ng		0.00
86) Perylene-d12	15.44	264	235477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	545799	76.23	ng		0.00
7) Phenol-d6	6.49	99	680472	75.78	ng		0.00
23) Nitrobenzene-d5	7.43	82	628490	75.78	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	174457	78.77	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1192057	81.99	ng		0.00
78) Terphenyl-d14	12.97	244	961837	94.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	144634	41.79	ng	#	33
3) Pyridine	3.20	79	350021	38.28	ng		99
4) n-Nitrosodimethylamine	3.15	42	148753	38.51	ng		96
6) Aniline	6.52	93	503800	39.58	ng		99
8) 2-Chlorophenol	6.64	128	320737	38.93	ng		100
9) Benzaldehyde	6.41	77	223795	36.86	ng		98
10) Phenol	6.50	94	381855	37.35	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	292669	39.39	ng	#	81
12) 1,3-Dichlorobenzene	6.80	146	332115	37.65	ng		99
13) 1,4-Dichlorobenzene	6.88	146	359799	40.65	ng		99
14) 1,2-Dichlorobenzene	7.04	146	312152	37.62	ng		99
15) Benzyl Alcohol	7.00	79	253926	38.28	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	404444	37.33	ng		97
17) 2-Methylphenol	7.12	107	274366	41.47	ng		97
18) Hexachloroethane	7.38	117	125994	40.70	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	212539	37.90	ng		99
20) 3+4-Methylphenols	7.27	107	316117	39.00	ng		95
22) Acetophenone	7.28	105	443087	40.77	ng		96
24) Nitrobenzene	7.45	77	357589	43.08	ng		99
25) Isophorone	7.69	82	588376	38.97	ng		99
26) 2-Nitrophenol	7.76	139	156059	40.46	ng		99
27) 2,4-Dimethylphenol	7.80	122	327898	41.02	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	362692	37.87	ng		100
29) 2,4-Dichlorophenol	8.00	162	254382	38.75	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	282509	41.10	ng		99
31) Naphthalene	8.17	128	931282	39.92	ng		100
32) Benzoic acid	7.92	122	136980	28.41	ng		98
33) 4-Chloroaniline	8.22	127	372362	36.74	ng		99
34) Hexachlorobutadiene	8.30	225	140624	39.34	ng		97
35) Caprolactam	8.60	113	93110	43.18	ng	#	68
36) 4-Chloro-3-methylphenol	8.70	107	255768	37.66	ng		97
37) 2-Methylnaphthalene	8.86	142	579862	37.64	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	259509	42.68	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	133332	37.28	ng		99

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Quant Time: Jun 06 11:29:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	188410	41.03	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	189779	44.41	ng	#	94
45) 1,1'-Biphenyl	9.32	154	660199	36.87	ng		100
46) 2-Chloronaphthalene	9.35	162	524224	36.78	ng		100
47) 2-Nitroaniline	9.44	65	155035	38.63	ng		99
48) Acenaphthylene	9.77	152	907016	40.81	ng		99
49) Dimethylphthalate	9.63	163	677344	42.23	ng		100
50) 2,6-Dinitrotoluene	9.69	165	163768	44.88	ng	#	87
51) Acenaphthene	9.94	154	567658	39.69	ng		99
52) 3-Nitroaniline	9.85	138	167178	40.05	ng		99
53) 2,4-Dinitrophenol	9.95	184	49389	32.25	ng		99
54) Dibenzofuran	10.11	168	801859	41.18	ng		99
55) 4-Nitrophenol	10.01	139	140926	39.50	ng	#	76
56) 2,4-Dinitrotoluene	10.09	165	217961	46.90	ng		91
57) Fluorene	10.44	166	545184	35.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	149019	40.48	ng	#	56
59) Diethylphthalate	10.33	149	643200	39.93	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	254203	42.35	ng		97
61) 4-Nitroaniline	10.47	138	159315	39.70	ng		96
62) Azobenzene	10.60	77	672884	41.50	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	73650	33.81	ng		99
65) n-Nitrosodiphenylamine	10.56	169	499326	38.18	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	173383	43.79	ng		97
67) Hexachlorobenzene	10.99	284	168664	38.10	ng		99
68) Atrazine	11.10	200	157983	40.78	ng		99
69) Pentachlorophenol	11.19	266	95658	36.36	ng		96
70) Phenanthrene	11.40	178	798547	36.89	ng		100
71) Anthracene	11.46	178	920636	42.44	ng		99
72) Carbazole	11.61	167	747788	36.42	ng		100
73) Di-n-butylphthalate	11.95	149	967687	43.96	ng		99
74) Fluoranthene	12.59	202	866028	40.65	ng		99
76) Benzidine	12.72	184	371273	38.00	ng		98
77) Pyrene	12.82	202	874505	49.56	ng		100
79) Butylbenzylphthalate	13.45	149	383740	51.10	ng		89
80) Benzo(a)anthracene	14.00	228	619225	43.30	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	180439	44.72	ng		99
82) Chrysene	14.05	228	652115	45.81	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	480491	53.77	ng	#	97
84) Di-n-octyl phthalate	14.62	149	763067	45.93	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	557308m	47.37	ng		
87) Benzo(b)fluoranthene	15.04	252	636504	41.55	ng		99
88) Benzo(k)fluoranthene	15.06	252	465136m	36.50	ng		
89) Benzo(a)pyrene	15.38	252	528902	41.07	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	468671	42.77	ng		99
91) Benzo(g,h,i)perylene	17.26	276	473785	42.85	ng		99

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

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