Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086385.D
Acq On : 23 Apr 2016 12:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
4/25/2016 12:35:53 PM

Quant Time: Apr 25 05:14:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	172280	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	714671	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	351108	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	667984	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	438160	20.00	ng		0.00
86) Perylene-d12	15.40	264	398516	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	824469	82.65	ng		0.01
7) Phenol-d6	6.48	99	1026519	75.69	ng		0.00
23) Nitrobenzene-d5	7.41	82	983301	81.51	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	263694	82.97	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1637950	79.61	ng		0.00
78) Terphenyl-d14	12.95	244	1544498	87.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	195478	35.43	ng		99
3) Pyridine	3.14	79	453804	34.52	ng		94
4) n-Nitrosodimethylamine	3.07	42	192537	38.61	ng		92
6) Aniline	6.50	93	659240	39.83	ng		98
8) 2-Chlorophenol	6.62	128	473383	38.87	ng		97
9) Benzaldehyde	6.38	77	304178	36.92	ng		97
10) Phenol	6.49	94	596872	37.27	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	481018	34.50	ng		98
12) 1,3-Dichlorobenzene	6.78	146	509549	39.23	ng		98
13) 1,4-Dichlorobenzene	6.86	146	532586	37.33	ng		99
14) 1,2-Dichlorobenzene	7.01	146	502247	38.74	ng		98
15) Benzyl Alcohol	6.99	79	322476	40.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	658369	36.02	ng		99
17) 2-Methylphenol	7.10	107	386296	38.71	ng		99
18) Hexachloroethane	7.36	117	181093	37.68	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	313247	38.65	ng		100
20) 3+4-Methylphenols	7.25	107	404533	38.24	ng		94
22) Acetophenone	7.25	105	574040	38.29	ng		99
24) Nitrobenzene	7.42	77	504806	39.01	ng		97
25) Isophorone	7.66	82	869401	36.77	ng		98
26) 2-Nitrophenol	7.74	139	273223	42.73	ng		97
27) 2,4-Dimethylphenol	7.79	122	425024	38.82	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	528079	40.00	ng		100
29) 2,4-Dichlorophenol	7.98	162	396194	43.78	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	398652	40.55	ng	#	95
31) Naphthalene	8.14	128	1390504	38.19	ng		99
32) Benzoic acid	7.90	122	242112	34.59	ng		96
33) 4-Chloroaniline	8.20	127	593044	41.82	ng		98
34) Hexachlorobutadiene	8.27	225	203696	41.49	ng		98
35) Caprolactam	8.58	113	138737	42.72	ng	#	80
36) 4-Chloro-3-methylphenol	8.68	107	446843	41.54	ng		100
37) 2-Methylnaphthalene	8.84	142	870006	41.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	355953	39.19	ng		99
40) Hexachlorocyclopentadiene	8.99	237	167837	37.83	ng		95

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Quant Time: Apr 25 05:14:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	250123	41.99	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	288186	39.30	ng		97
45) 1,1'-Biphenyl	9.30	154	1040486	38.20	ng		97
46) 2-Chloronaphthalene	9.33	162	840673	38.99	ng		96
47) 2-Nitroaniline	9.42	65	276559	41.20	ng		96
48) Acenaphthylene	9.74	152	1367891	39.13	ng		100
49) Dimethylphthalate	9.61	163	992215	39.12	ng		99
50) 2,6-Dinitrotoluene	9.66	165	219807	40.12	ng		93
51) Acenaphthene	9.92	154	845993	39.39	ng		98
52) 3-Nitroaniline	9.84	138	277990	40.53	ng		97
53) 2,4-Dinitrophenol	9.94	184	63472	22.28	ng		92
54) Dibenzofuran	10.09	168	1089536	39.51	ng		97
55) 4-Nitrophenol	10.00	139	177489	36.98	ng		99
56) 2,4-Dinitrotoluene	10.06	165	290273	39.90	ng		89
57) Fluorene	10.43	166	861959	38.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	220352	41.11	ng		95
59) Diethylphthalate	10.30	149	946175	38.96	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	375463	37.99	ng		98
61) 4-Nitroaniline	10.45	138	278099	39.61	ng		98
62) Azobenzene	10.58	77	963998	38.28	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	122771	30.08	ng		85
65) n-Nitrosodiphenylamine	10.54	169	761637	36.98	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	258505	39.52	ng	#	88
67) Hexachlorobenzene	10.97	284	253594	36.34	ng	#	65
68) Atrazine	11.07	200	252714	39.74	ng		98
69) Pentachlorophenol	11.16	266	150916	36.83	ng		99
70) Phenanthrene	11.38	178	1225367	36.51	ng		99
71) Anthracene	11.44	178	1386161	36.04	ng		99
72) Carbazole	11.60	167	1335920	36.98	ng		99
73) Di-n-butylphthalate	11.93	149	1446778	38.08	ng		100
74) Fluoranthene	12.57	202	1322454	36.53	ng		97
76) Benzidine	12.69	184	752094	41.86	ng		98
77) Pyrene	12.80	202	1316731	43.09	ng		99
79) Butylbenzylphthalate	13.41	149	612017	42.99	ng	#	76
80) Benzo(a)anthracene	13.99	228	893829	39.30	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	640378	40.82	ng	#	97
82) Chrysene	14.02	228	1121273	43.75	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	679873	42.65	ng	#	96
84) Di-n-octyl phthalate	14.59	149	1266582	41.39	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	920257	40.40	ng		99
87) Benzo(b)fluoranthene	15.00	252	826951	37.80	ng		97
88) Benzo(k)fluoranthene	15.03	252	928709m	43.26	ng		
89) Benzo(a)pyrene	15.35	252	834625	38.68	ng	#	98
90) Dibenzo(a,h)anthracene	16.80	278	760890	42.74	ng		99
91) Benzo(g,h,i)perylene	17.20	276	775441	42.20	ng		94

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

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