Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079651.D
Acq On : 31 May 2015 23:54
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/1/2015 8:43:44 PM

Quant Time: Jun 01 05:38:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	67372	20.00	ng		0.00
21) Naphthalene-d8	8.49	136	284602	20.00	ng		0.01
38) Acenaphthene-d10	10.65	164	141117	20.00	ng		0.00
63) Phenanthrene-d10	12.48	188	270934	20.00	ng		0.00
75) Chrysene-d12	15.76	240	279365	20.00	ng		0.01
86) Perylene-d12	17.43	264	299684	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	323844	83.37	ng		0.01
7) Phenol-d6	6.50	99	415488	83.92	ng		0.00
23) Nitrobenzene-d5	7.61	82	398139	80.87	ng		0.00
41) 2,4,6-Tribromophenol	11.63	330	138057	89.07	ng		0.00
44) 2-Fluorobiphenyl	9.84	172	827686	83.68	ng		0.01
78) Terphenyl-d14	14.48	244	985632	82.80	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	90894	49.19	ng	#	100
3) Pyridine	2.31	79	196788	48.36	ng		99
4) n-Nitrosodimethylamine	2.25	42	84312	42.08	ng		94
6) Aniline	6.49	93	290577	41.35	ng		97
8) 2-Chlorophenol	6.64	128	188290	41.64	ng		95
9) Benzaldehyde	6.35	77	116662	42.89	ng		96
10) Phenol	6.52	94	239147	41.02	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	180334	42.77	ng		91
12) 1,3-Dichlorobenzene	6.82	146	206309	41.18	ng		96
13) 1,4-Dichlorobenzene	6.92	146	213284	41.74	ng		98
14) 1,2-Dichlorobenzene	7.11	146	198431	41.81	ng		98
15) Benzyl Alcohol	7.11	79	152325	41.87	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	249915	40.49	ng		65
17) 2-Methylphenol	7.27	107	150348	42.32	ng		96
18) Hexachloroethane	7.52	117	67044	38.12	ng		97
19) n-Nitroso-di-n-propylamine	7.44	70	140493	40.33	ng		99
20) 3+4-Methylphenols	7.47	107	210490	43.12	ng		99
22) Acetophenone	7.43	105	265264	41.60	ng	#	96
24) Nitrobenzene	7.63	77	202191	41.67	ng	#	90
25) Isophorone	7.93	82	366819	40.87	ng	#	90
26) 2-Nitrophenol	8.03	139	88367	38.46	ng		93
27) 2,4-Dimethylphenol	8.11	122	173598	42.03	ng		99
28) bis(2-Chloroethoxy)methane	8.23	93	228890	41.15	ng		99
29) 2,4-Dichlorophenol	8.34	162	157905	41.74	ng		97
30) 1,2,4-Trichlorobenzene	8.42	180	162419	41.39	ng		95
31) Naphthalene	8.51	128	569488	41.70	ng		99
32) Benzoic acid	8.26	122	110748	43.21	ng		93
33) 4-Chloroaniline	8.60	127	242142	42.43	ng		94
34) Hexachlorobutadiene	8.67	225	93721	41.99	ng		98
35) Caprolactam	9.04	113	48223	40.42	ng	#	86
36) 4-Chloro-3-methylphenol	9.23	107	160975	41.03	ng	#	73
37) 2-Methylnaphthalene	9.37	142	394739	41.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	164286	41.62	ng	#	100
40) Hexachlorocyclopentadiene	9.56	237	7346	14.78	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.74	196	114936	41.70	ng		99
43) 2,4,5-Trichlorophenol	9.78	196	118857	43.32	ng	#	85
45) 1,1'-Biphenyl	9.95	154	457875	41.54	ng		99
46) 2-Chloronaphthalene	9.96	162	350246	40.24	ng		96
47) 2-Nitroaniline	10.11	65	108840	42.05	ng	#	71
48) Acenaphthylene	10.48	152	591103	40.91	ng		99
49) Dimethylphthalate	10.35	163	431650	41.51	ng		99
50) 2,6-Dinitrotoluene	10.42	165	84279	40.57	ng	#	44
51) Acenaphthene	10.68	154	335850	40.65	ng		99
52) 3-Nitroaniline	10.63	138	117808	43.60	ng		83
53) 2,4-Dinitrophenol	10.79	184	7277	18.18	ng	#	89
54) Dibenzofuran	10.90	168	501501	41.15	ng		98
55) 4-Nitrophenol	10.88	139	57607m	38.45	ng		
56) 2,4-Dinitrotoluene	10.92	165	116633	41.86	ng		92
57) Fluorene	11.32	166	411471	40.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.07	232	87953	44.05	ng	#	100
59) Diethylphthalate	11.22	149	416541	40.92	ng		96
60) 4-Chlorophenyl-phenylether	11.35	204	184720	42.56	ng	#	81
61) 4-Nitroaniline	11.38	138	116461	46.27	ng		88
62) Azobenzene	11.54	77	435727	44.01	ng		88
64) 4,6-Dinitro-2-methylphenol	11.43	198	19928	19.43	ng		87
65) n-Nitrosodiphenylamine	11.50	169	374153	41.58	ng		98
66) 4-Bromophenyl-phenylether	11.94	248	117081	41.97	ng		92
67) Hexachlorobenzene	12.00	284	132079	41.52	ng	#	92
68) Atrazine	12.17	200	93985	38.66	ng		97
69) Pentachlorophenol	12.26	266	48552	39.84	ng		95
70) Phenanthrene	12.51	178	613792	41.30	ng		100
71) Anthracene	12.57	178	613310	40.64	ng		99
72) Carbazole	12.79	167	577119	39.72	ng		99
73) Di-n-butylphthalate	13.25	149	749648	46.20	ng		99
74) Fluoranthene	13.98	202	667771	41.89	ng		95
76) Benzidine	14.17	184	397253	66.39	ng		99
77) Pyrene	14.26	202	686731	39.68	ng		99
79) Butylbenzylphthalate	15.10	149	335690	43.13	ng		99
80) Benzo(a)anthracene	15.75	228	667085	41.51	ng		99
81) 3,3'-Dichlorobenzidine	15.73	252	255120	43.35	ng	#	98
82) Chrysene	15.78	228	592961	38.82	ng		99
83) Bis(2-ethylhexyl)phthalate	15.82	149	517935	46.45	ng		99
84) Di-n-octyl phthalate	16.58	149	899240	46.33	ng		100
85) Indeno(1,2,3-cd)pyrene	18.69	276	802884	40.86	ng		98
87) Benzo(b)fluoranthene	17.01	252	674967	39.49	ng		98
88) Benzo(k)fluoranthene	17.03	252	655206m	42.87	ng		
89) Benzo(a)pyrene	17.36	252	629345	41.86	ng	#	97
90) Dibenzo(a,h)anthracene	18.71	278	668741	42.56	ng		98
91) Benzo(g,h,i)perylene	19.05	276	651170	41.64	ng		97

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

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