Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084600.D
Acq On : 22 Jan 2016 20:13
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/25/2016 2:59:32 PM

Quant Time: Jan 23 00:48:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192975m	20.00	ng		-0.08
21) Naphthalene-d8	8.04	136	747435	20.00	ng		-0.08
38) Acenaphthene-d10	9.79	164	356489	20.00	ng		-0.08
63) Phenanthrene-d10	11.26	188	632563	20.00	ng		-0.09
75) Chrysene-d12	13.90	240	440714	20.00	ng		-0.09
86) Perylene-d12	15.30	264	393647	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	913381	76.56	ng		-0.10
7) Phenol-d6	6.40	99	1192282	79.57	ng		-0.08
23) Nitrobenzene-d5	7.32	82	1055678	78.61	ng		-0.08
41) 2,4,6-Tribromophenol	10.58	330	272105	75.60	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	1679055	82.68	ng		-0.08
78) Terphenyl-d14	12.85	244	1535910	77.79	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	262862	46.51	ng	#	74
3) Pyridine	2.93	79	539688	34.25	ng	#	68
4) n-Nitrosodimethylamine	2.90	42	320475	39.62	ng	#	71
6) Aniline	6.42	93	783588m	35.75	ng		
8) 2-Chlorophenol	6.53	128	503464	37.19	ng		87
9) Benzaldehyde	6.29	77	335092	34.35	ng		99
10) Phenol	6.42	94	688003	40.38	ng		82
11) bis(2-Chloroethyl)ether	6.49	93	501816m	38.02	ng		
12) 1,3-Dichlorobenzene	6.68	146	546207m	39.12	ng		
13) 1,4-Dichlorobenzene	6.76	146	528953m	37.78	ng		
14) 1,2-Dichlorobenzene	6.92	146	569779	42.49	ng		100
15) Benzyl Alcohol	6.90	79	446814	35.45	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.04	45	804394	33.47	ng		87
17) 2-Methylphenol	7.02	107	451867m	39.83	ng		
18) Hexachloroethane	7.26	117	223088	39.84	ng	#	90
19) n-Nitroso-di-n-propylamine	7.17	70	390728m	38.52	ng		
20) 3+4-Methylphenols	7.17	107	553433	41.50	ng	#	44
22) Acetophenone	7.17	105	819070	45.57	ng	#	94
24) Nitrobenzene	7.34	77	639398	46.94	ng		95
25) Isophorone	7.58	82	1045391	40.70	ng		98
26) 2-Nitrophenol	7.65	139	253684	40.92	ng	#	73
27) 2,4-Dimethylphenol	7.71	122	472419	37.65	ng		90
28) bis(2-Chloroethoxy)methane	7.80	93	655441	41.78	ng		98
29) 2,4-Dichlorophenol	7.90	162	450305	43.08	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	473715	43.90	ng	#	94
31) Naphthalene	8.06	128	1489609	43.93	ng		99
32) Benzoic acid	7.85	122	296798	38.23	ng		89
33) 4-Chloroaniline	8.11	127	581668	37.41	ng		96
34) Hexachlorobutadiene	8.18	225	276494	44.57	ng		99
35) Caprolactam	8.50	113	126039	35.77	ng	#	37
36) 4-Chloro-3-methylphenol	8.60	107	474441	40.52	ng		89
37) 2-Methylnaphthalene	8.75	142	1022446	42.00	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	432107	42.16	ng		97
40) Hexachlorocyclopentadiene	8.90	237	145984	23.60	ng		95

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Quant Time: Jan 23 00:48:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	310981	40.56	ng		95
43) 2,4,5-Trichlorophenol	9.08	196	286706	39.01	ng		92
45) 1,1'-Biphenyl	9.22	154	1341026	47.33	ng		97
46) 2-Chloronaphthalene	9.24	162	955075	42.92	ng		91
47) 2-Nitroaniline	9.33	65	308866	42.05	ng		95
48) Acenaphthylene	9.65	152	1394395	42.41	ng		97
49) Dimethylphthalate	9.53	163	1081855	42.45	ng	#	90
50) 2,6-Dinitrotoluene	9.58	165	222205	39.75	ng	#	51
51) Acenaphthene	9.82	154	915197	41.50	ng		96
52) 3-Nitroaniline	9.76	138	290303	41.91	ng		88
53) 2,4-Dinitrophenol	9.86	184	72684	32.73	ng		93
54) Dibenzofuran	10.00	168	1210725	42.20	ng		92
55) 4-Nitrophenol	9.93	139	198053	39.39	ng	#	79
56) 2,4-Dinitrotoluene	9.98	165	282379	39.92	ng	#	81
57) Fluorene	10.34	166	986316	44.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	259907	41.42	ng		87
59) Diethylphthalate	10.22	149	1105035	43.98	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	443351	48.12	ng	#	81
61) 4-Nitroaniline	10.37	138	276802	44.83	ng		84
62) Azobenzene	10.49	77	1045672	37.94	ng		83
64) 4,6-Dinitro-2-methylphenol	10.40	198	119904	31.42	ng		91
65) n-Nitrosodiphenylamine	10.45	169	790905	39.11	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	260332	38.24	ng	#	72
67) Hexachlorobenzene	10.89	284	327434	42.73	ng	#	92
68) Atrazine	10.99	200	289504	43.74	ng		95
69) Pentachlorophenol	11.08	266	154716	38.94	ng		98
70) Phenanthrene	11.30	178	1477258	44.65	ng		97
71) Anthracene	11.34	178	1276702	39.36	ng		98
72) Carbazole	11.50	167	1103017	34.79	ng		98
73) Di-n-butylphthalate	11.85	149	1647267	50.36	ng	#	98
74) Fluoranthene	12.48	202	1213563	35.11	ng		99
76) Benzidine	12.60	184	425754	26.94	ng		98
77) Pyrene	12.70	202	1170069	33.83	ng		99
79) Butylbenzylphthalate	13.33	149	565014	37.75	ng		91
80) Benzo(a)anthracene	13.89	228	996072	38.49	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	340482	37.70	ng	#	95
82) Chrysene	13.93	228	827023	33.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	732142	38.72	ng		99
84) Di-n-octyl phthalate	14.51	149	1231755	38.59	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.64	276	973516	49.39	ng		97
87) Benzo(b)fluoranthene	14.91	252	984117m	38.22	ng		
88) Benzo(k)fluoranthene	14.93	252	769684m	36.55	ng		
89) Benzo(a)pyrene	15.24	252	863105	39.52	ng		97
90) Dibenzo(a,h)anthracene	16.65	278	799619	42.55	ng	#	94
91) Benzo(g,h,i)perylene	17.04	276	801824	41.20	ng	#	94

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

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