Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085369.D
Acq On : 11 Mar 2016 13:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/14/2016 10:47:50 AM

Quant Time: Mar 11 23:15:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	180886	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	700545	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	312769	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	584049	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	366937	20.00	ng		-0.05
86) Perylene-d12	15.57	264	281389	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	916499	84.99	ng		-0.05
7) Phenol-d6	6.56	99	1058381	74.91	ng		-0.05
23) Nitrobenzene-d5	7.50	82	1038128	79.30	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	233974	87.43	ng		-0.05
44) 2-Fluorobiphenyl	9.30	172	1609143	78.24	ng		-0.05
78) Terphenyl-d14	13.05	244	1319435	83.47	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	199037	36.09	ng		97
3) Pyridine	3.34	79	500431	36.26	ng		98
4) n-Nitrosodimethylamine	3.28	42	230218	38.97	ng		96
6) Aniline	6.60	93	729225	36.83	ng		98
8) 2-Chlorophenol	6.72	128	524415	40.39	ng		93
9) Benzaldehyde	6.48	77	254633	37.77	ng		95
10) Phenol	6.57	94	559650m	36.99	ng		
11) bis(2-Chloroethyl)ether	6.68	93	496014	39.47	ng		94
12) 1,3-Dichlorobenzene	6.88	146	539292	38.69	ng		98
13) 1,4-Dichlorobenzene	6.95	146	514678	36.84	ng		99
14) 1,2-Dichlorobenzene	7.11	146	530179	41.83	ng		99
15) Benzyl Alcohol	7.08	79	372447	35.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	609555	33.65	ng		98
17) 2-Methylphenol	7.19	107	411817	38.87	ng		97
18) Hexachloroethane	7.45	117	208143	40.39	ng		99
19) n-Nitroso-di-n-propylamine	7.35	70	311654	33.84	ng	#	88
20) 3+4-Methylphenols	7.34	107	478334	38.12	ng		96
22) Acetophenone	7.35	105	661108	38.66	ng		99
24) Nitrobenzene	7.52	77	521453	39.21	ng		100
25) Isophorone	7.76	82	945768	38.98	ng		98
26) 2-Nitrophenol	7.84	139	290068	44.82	ng	#	91
27) 2,4-Dimethylphenol	7.88	122	487436	41.21	ng		96
28) bis(2-Chloroethoxy)methane	7.97	93	533104	39.46	ng		100
29) 2,4-Dichlorophenol	8.08	162	405073	42.47	ng		95
30) 1,2,4-Trichlorobenzene	8.16	180	406652	39.43	ng		99
31) Naphthalene	8.24	128	1369447	39.76	ng		99
32) Benzoic acid	8.00	122	386282	49.17	ng		98
33) 4-Chloroaniline	8.30	127	594430	42.66	ng	#	88
34) Hexachlorobutadiene	8.37	225	230765	43.00	ng		99
35) Caprolactam	8.68	113	146524m	47.04	ng		
36) 4-Chloro-3-methylphenol	8.78	107	426138	39.38	ng	#	80
37) 2-Methylnaphthalene	8.94	142	878159	39.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	396662	44.35	ng		97
40) Hexachlorocyclopentadiene	9.10	237	210178	43.57	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	269612	40.49	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	275123	43.58	ng	#	86
45) 1,1'-Biphenyl	9.41	154	1151104	43.08	ng		94
46) 2-Chloronaphthalene	9.43	162	853292	41.89	ng		96
47) 2-Nitroaniline	9.52	65	277043	43.89	ng		87
48) Acenaphthylene	9.84	152	1237855	39.05	ng		99
49) Dimethylphthalate	9.70	163	940481	39.18	ng		99
50) 2,6-Dinitrotoluene	9.76	165	192763	37.53	ng	#	82
51) Acenaphthene	10.01	154	814255	42.30	ng		99
52) 3-Nitroaniline	9.93	138	241537	39.31	ng		85
53) 2,4-Dinitrophenol	10.04	184	124342	50.95	ng	#	55
54) Dibenzofuran	10.18	168	978979	38.82	ng		98
55) 4-Nitrophenol	10.08	139	198751	41.16	ng	#	64
56) 2,4-Dinitrotoluene	10.17	165	289678	44.07	ng	#	69
57) Fluorene	10.53	166	781124	39.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	187346	42.24	ng		98
59) Diethylphthalate	10.40	149	948011	40.69	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	398320	41.33	ng	#	81
61) 4-Nitroaniline	10.55	138	268941	46.80	ng		94
62) Azobenzene	10.68	77	963081	41.96	ng		93
64) 4,6-Dinitro-2-methylphenol	10.57	198	151829	43.42	ng	#	49
65) n-Nitrosodiphenylamine	10.64	169	770803	42.43	ng		98
66) 4-Bromophenyl-phenylether	11.01	248	232574	41.01	ng	#	75
67) Hexachlorobenzene	11.08	284	237965	39.33	ng	#	72
68) Atrazine	11.17	200	232093	45.94	ng		97
69) Pentachlorophenol	11.27	266	167334	49.83	ng		98
70) Phenanthrene	11.49	178	1268093	41.43	ng		99
71) Anthracene	11.54	178	1249068	38.44	ng		99
72) Carbazole	11.69	167	1063488	37.33	ng		98
73) Di-n-butylphthalate	12.02	149	1363973	37.87	ng		99
74) Fluoranthene	12.68	202	1209415	39.37	ng		95
76) Benzidine	12.80	184	588966	53.93	ng		99
77) Pyrene	12.90	202	1258795	45.58	ng		99
79) Butylbenzylphthalate	13.52	149	549110	43.82	ng		99
80) Benzo(a)anthracene	14.09	228	895925	40.79	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	307014	44.30	ng		100
82) Chrysene	14.14	228	932510	45.95	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	699224	42.40	ng	#	98
84) Di-n-octyl phthalate	14.70	149	1076765	42.87	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	719035	45.40	ng		98
87) Benzo(b)fluoranthene	15.15	252	683742	36.46	ng		98
88) Benzo(k)fluoranthene	15.18	252	715554m	47.30	ng		
89) Benzo(a)pyrene	15.51	252	649775	41.81	ng		98
90) Dibenzo(a,h)anthracene	17.05	278	595282	44.87	ng		97
91) Benzo(g,h,i)perylene	17.48	276	606485	45.46	ng		98

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

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