Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082318.D
Acq On : 15 Oct 2015 19:28
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
10/16/2015 4:15:57 PM

Quant Time: Oct 16 06:05:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:04:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112842	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	438904	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	209879	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	377448	20.00	ng		0.00
75) Chrysene-d12	14.04	240	290944	20.00	ng		-0.06
86) Perylene-d12	15.52	264	286333	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	417107	74.60	ng		0.00
7) Phenol-d6	6.48	99	579552	79.65	ng		0.01
23) Nitrobenzene-d5	7.41	82	532932	81.54	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	129390	65.74	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1067118	84.32	ng		0.00
78) Terphenyl-d14	12.96	244	860982	78.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	97579	34.74	ng		98
3) Pyridine	3.09	79	241557	36.97	ng		98
4) n-Nitrosodimethylamine	3.05	42	110012	39.70	ng		96
6) Aniline	6.49	93	358376	38.20	ng	#	33
8) 2-Chlorophenol	6.62	128	269249	39.45	ng		96
9) Benzaldehyde	6.38	77	166588	44.83	ng		94
10) Phenol	6.49	94	338906	40.40	ng	#	72
11) bis(2-Chloroethyl)ether	6.57	93	266418	37.56	ng		99
12) 1,3-Dichlorobenzene	6.77	146	309502	38.94	ng		99
13) 1,4-Dichlorobenzene	6.85	146	328762	39.60	ng		100
14) 1,2-Dichlorobenzene	6.99	146	264330	33.53	ng		99
15) Benzyl Alcohol	6.98	79	217724	43.35	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	340984	34.52	ng		83
17) 2-Methylphenol	7.10	107	211311	39.15	ng		96
18) Hexachloroethane	7.34	117	90271	31.77	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	197418	38.64	ng		97
20) 3+4-Methylphenols	7.26	107	266645	41.46	ng	#	66
22) Acetophenone	7.25	105	346639	39.93	ng		93
24) Nitrobenzene	7.42	77	257777	36.44	ng		97
25) Isophorone	7.66	82	494094	37.46	ng		99
26) 2-Nitrophenol	7.74	139	95866	27.14	ng		97
27) 2,4-Dimethylphenol	7.78	122	243360	42.76	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	328203	42.76	ng		99
29) 2,4-Dichlorophenol	7.99	162	218065	38.33	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	254297	38.78	ng		97
31) Naphthalene	8.14	128	696120	36.59	ng		100
32) Benzoic acid	7.93	122	41826m	10.95	ng		
33) 4-Chloroaniline	8.19	127	310011	39.23	ng		97
34) Hexachlorobutadiene	8.25	225	159949	39.15	ng		99
35) Caprolactam	8.58	113	57707	34.95	ng	#	84
36) 4-Chloro-3-methylphenol	8.69	107	234797	42.20	ng		97
37) 2-Methylnaphthalene	8.83	142	528625	40.08	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	246677	39.51	ng		97
40) Hexachlorocyclopentadiene	8.98	237	5135	9.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	152266	36.72	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	155927	34.72	ng		97
45) 1,1'-Biphenyl	9.30	154	670216	41.88	ng		95
46) 2-Chloronaphthalene	9.33	162	516117	40.97	ng		96
47) 2-Nitroaniline	9.43	65	161396	46.66	ng	#	87
48) Acenaphthylene	9.74	152	733461	37.37	ng		99
49) Dimethylphthalate	9.60	163	605912	41.00	ng		100
50) 2,6-Dinitrotoluene	9.67	165	111434	35.73	ng	#	76
51) Acenaphthene	9.91	154	418869	35.55	ng		98
52) 3-Nitroaniline	9.84	138	145060	41.18	ng		84
53) 2,4-Dinitrophenol	9.95	184	267	6.54	ng	#	1
54) Dibenzofuran	10.08	168	610753	37.76	ng		97
55) 4-Nitrophenol	10.01	139	58421	31.39	ng		92
56) 2,4-Dinitrotoluene	10.07	165	141869	36.40	ng		87
57) Fluorene	10.42	166	487800	36.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	107968	29.42	ng		94
59) Diethylphthalate	10.30	149	563692	40.92	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	264269	43.42	ng	#	82
61) 4-Nitroaniline	10.46	138	142784	41.79	ng		95
62) Azobenzene	10.58	77	527854	39.15	ng		84
65) n-Nitrosodiphenylamine	10.54	169	457372	40.47	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	157854	41.79	ng	#	82
67) Hexachlorobenzene	10.97	284	158371	38.77	ng	#	74
68) Atrazine	11.07	200	151634	42.35	ng		98
69) Pentachlorophenol	11.18	266	47248	22.48	ng		99
70) Phenanthrene	11.39	178	745745	40.31	ng		100
71) Anthracene	11.44	178	720884	37.81	ng		99
72) Carbazole	11.60	167	603996	34.73	ng		100
73) Di-n-butylphthalate	11.93	149	950210	44.29	ng		99
74) Fluoranthene	12.58	202	687725	34.61	ng		99
76) Benzidine	12.71	184	323637	38.39	ng		99
77) Pyrene	12.81	202	644030	37.30	ng		99
79) Butylbenzylphthalate	13.43	149	288099	36.56	ng		88
80) Benzo(a)anthracene	14.02	228	590385	39.00	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	237036	41.25	ng	#	97
82) Chrysene	14.06	228	589148	36.94	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	393619	35.01	ng	#	96
84) Di-n-octyl phthalate	14.66	149	718807	37.23	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	550796	43.45	ng		100
87) Benzo(b)fluoranthene	15.10	252	697172m	40.02	ng		
88) Benzo(k)fluoranthene	15.13	252	491881m	33.59	ng		
89) Benzo(a)pyrene	15.46	252	570387	38.10	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	459419	37.45	ng		99
91) Benzo(g,h,i)perylene	17.38	276	406466	34.10	ng		98

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

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