Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083659.D
Acq On : 10 Dec 2015 1:46
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/10/2015 5:50:18 PM

Quant Time: Dec 17 10:37:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	125037	20.00	ng		-0.02
21) Naphthalene-d8	7.58	136	470388	20.00	ng		-0.02
38) Acenaphthene-d10	10.36	164	218085	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	344324	20.00	ng		-0.02
75) Chrysene-d12	16.98	240	284423	20.00	ng		-0.01
86) Perylene-d12	18.64	264	239664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.95	112	693625	84.14	ng		-0.02
7) Phenol-d6	5.25	99	891221	80.91	ng		-0.02
23) Nitrobenzene-d5	6.51	82	851987	84.51	ng		-0.02
41) 2,4,6-Tribromophenol	11.66	330	121872	62.73	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1343657	86.71	ng		-0.02
78) Terphenyl-d14	15.39	244	964649	79.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	161536	39.66	ng		94
3) Pyridine	2.22	79	426867	43.14	ng		100
4) n-Nitrosodimethylamine	2.19	42	214138	41.10	ng		98
6) Aniline	5.23	93	598110	44.06	ng		89
8) 2-Chlorophenol	5.40	128	366584	40.66	ng		98
9) Benzaldehyde	5.08	77	260597	45.47	ng		99
10) Phenol	5.28	94	549404	41.18	ng		83
11) bis(2-Chloroethyl)ether	5.34	93	419770	42.76	ng		94
12) 1,3-Dichlorobenzene	5.60	146	415630	41.36	ng		99
13) 1,4-Dichlorobenzene	5.70	146	422618	41.00	ng		99
14) 1,2-Dichlorobenzene	5.92	146	397601	41.56	ng		99
15) Benzyl Alcohol	5.94	79	338609	43.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	740185	40.78	ng	#	61
17) 2-Methylphenol	6.13	107	310903	42.38	ng	#	90
18) Hexachloroethane	6.40	117	127067	34.91	ng		99
19) n-Nitroso-di-n-propylamine	6.32	70	315921	41.09	ng		94
20) 3+4-Methylphenols	6.37	107	390892	40.47	ng		96
22) Acetophenone	6.30	105	565543	42.86	ng	#	97
24) Nitrobenzene	6.54	77	466290	41.85	ng		95
25) Isophorone	6.91	82	843487	43.12	ng		98
26) 2-Nitrophenol	7.02	139	133138	30.09	ng		97
27) 2,4-Dimethylphenol	7.15	122	323904	41.85	ng		98
28) bis(2-Chloroethoxy)methane	7.26	93	465321	42.83	ng		99
29) 2,4-Dichlorophenol	7.44	162	277159	39.38	ng		99
30) 1,2,4-Trichlorobenzene	7.50	180	326827	42.04	ng		98
31) Naphthalene	7.62	128	1062360	42.64	ng		99
32) Benzoic acid	7.52	122	14952	5.86	ng		90
33) 4-Chloroaniline	7.76	127	408143	44.93	ng		92
34) Hexachlorobutadiene	7.82	225	194880	42.90	ng		96
35) Caprolactam	8.35	113	78794	37.30	ng		90
36) 4-Chloro-3-methylphenol	8.60	107	294407	37.23	ng		92
37) 2-Methylnaphthalene	8.72	142	644950	41.21	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	313840	43.83	ng	#	100
40) Hexachlorocyclopentadiene	8.97	237	239	10.71	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	162675	38.18	ng		98
43) 2,4,5-Trichlorophenol	9.31	196	145777	34.56	ng		95
45) 1,1'-Biphenyl	9.47	154	820962	43.31	ng		99
46) 2-Chloronaphthalene	9.49	162	620183	43.33	ng		98
47) 2-Nitroaniline	9.71	65	231890	44.93	ng	#	87
48) Acenaphthylene	10.14	152	980531	41.55	ng		99
49) Dimethylphthalate	10.02	163	758992	43.72	ng		98
50) 2,6-Dinitrotoluene	10.11	165	141134	39.38	ng		98
51) Acenaphthene	10.42	154	554446	41.04	ng		100
52) 3-Nitroaniline	10.38	138	166601	43.74	ng		87
53) 2,4-Dinitrophenol	10.70	184	2351	6.84	ng	#	1
54) Dibenzofuran	10.70	168	772463	41.23	ng		96
55) 4-Nitrophenol	10.85	139	43242	25.78	ng		92
56) 2,4-Dinitrotoluene	10.78	165	177532	37.35	ng	#	76
57) Fluorene	11.25	166	648165	39.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.96	232	96824	28.87	ng	#	100
59) Diethylphthalate	11.16	149	722722	42.82	ng		97
60) 4-Chlorophenyl-phenylether	11.29	204	330390	42.44	ng		92
61) 4-Nitroaniline	11.38	138	151124	43.67	ng		83
62) Azobenzene	11.54	77	695377	37.43	ng		97
64) 4,6-Dinitro-2-methylphenol	11.49	198	9656	5.90	ng	#	1
65) n-Nitrosodiphenylamine	11.49	169	540084	47.53	ng		99
66) 4-Bromophenyl-phenylether	12.06	248	180688	47.05	ng		93
67) Hexachlorobenzene	12.14	284	174834	42.91	ng		98
68) Atrazine	12.41	200	142514	42.15	ng		99
69) Pentachlorophenol	12.53	266	23020	26.76	ng		99
70) Phenanthrene	12.80	178	841093	42.52	ng		99
71) Anthracene	12.89	178	856615	41.80	ng		99
72) Carbazole	13.20	167	736014	41.88	ng		99
73) Di-n-butylphthalate	13.81	149	1024295	46.34	ng		98
74) Fluoranthene	14.73	202	785208	38.80	ng		99
76) Benzidine	15.01	184	314205	35.52	ng		96
77) Pyrene	15.08	202	782771	38.23	ng		99
79) Butylbenzylphthalate	16.21	149	362550	39.89	ng		88
80) Benzo(a)anthracene	16.97	228	700700	42.09	ng		99
81) 3,3'-Dichlorobenzidine	16.96	252	251257	44.68	ng		99
82) Chrysene	17.01	228	695150	41.65	ng		97
83) Bis(2-ethylhexyl)phthalate	17.07	149	527998	41.85	ng	#	98
84) Di-n-octyl phthalate	17.84	149	883478	45.83	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	500071	44.39	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	616433	45.17	ng	#	97
88) Benzo(k)fluoranthene	18.27	252	550189m	36.59	ng		
89) Benzo(a)pyrene	18.57	252	535153	40.18	ng		98
90) Dibenzo(a,h)anthracene	19.86	278	430729	42.30	ng		99
91) Benzo(g,h,i)perylene	20.23	276	401942	40.49	ng		96

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

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