Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084745.D
Acq On : 2 Feb 2016 7:56
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/2/2016 4:19:21 PM

Quant Time: Feb 02 08:23:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	161542	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	624587	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	296680	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	499392	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	295208	20.00	ng		-0.01
86) Perylene-d12	15.24	264	328344	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	774784	74.71	ng		-0.01
7) Phenol-d6	6.36	99	974841	75.82	ng		-0.01
23) Nitrobenzene-d5	7.29	82	910947	82.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	241752	78.12	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1455861	81.49	ng		-0.01
78) Terphenyl-d14	12.82	244	1194559	91.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	167182	36.80	ng	#	75
3) Pyridine	2.89	79	492581	41.62	ng	#	78
4) n-Nitrosodimethylamine	2.83	42	237690	38.83	ng		80
6) Aniline	6.37	93	589576	37.47	ng	#	84
8) 2-Chlorophenol	6.50	128	466362	39.73	ng		94
9) Benzaldehyde	6.26	77	312142	41.11	ng		94
10) Phenol	6.38	94	540484	37.52	ng		95
11) bis(2-Chloroethyl)ether	6.45	93	418047m	37.22	ng		
12) 1,3-Dichlorobenzene	6.65	146	466487m	37.61	ng		
13) 1,4-Dichlorobenzene	6.73	146	461169	37.19	ng		98
14) 1,2-Dichlorobenzene	6.89	146	470207	40.72	ng		97
15) Benzyl Alcohol	6.86	79	326462	36.77	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.00	45	695372	36.80	ng		89
17) 2-Methylphenol	6.99	107	367651	39.60	ng	#	93
18) Hexachloroethane	7.23	117	184114	38.56	ng	#	82
19) n-Nitroso-di-n-propylamine	7.14	70	291800	36.21	ng	#	74
20) 3+4-Methylphenols	7.15	107	458749	39.81	ng		88
22) Acetophenone	7.13	105	661632	40.19	ng	#	98
24) Nitrobenzene	7.30	77	456082	38.41	ng		92
25) Isophorone	7.55	82	871036	40.40	ng		97
26) 2-Nitrophenol	7.62	139	219613	37.50	ng	#	83
27) 2,4-Dimethylphenol	7.68	122	411039	40.35	ng		91
28) bis(2-Chloroethoxy)methane	7.77	93	504477	39.44	ng	#	96
29) 2,4-Dichlorophenol	7.87	162	367858	42.21	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	393521	39.98	ng	#	94
31) Naphthalene	8.02	128	1180473	37.68	ng		99
32) Benzoic acid	7.79	122	175181	26.89	ng		99
33) 4-Chloroaniline	8.08	127	467951	36.12	ng		97
34) Hexachlorobutadiene	8.14	225	234668	41.34	ng		98
35) Caprolactam	8.45	113	87771	32.68	ng	#	49
36) 4-Chloro-3-methylphenol	8.57	107	369548	37.17	ng		90
37) 2-Methylnaphthalene	8.72	142	825502	42.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	353859	37.55	ng		98
40) Hexachlorocyclopentadiene	8.86	237	71422	24.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246484	40.61	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	222293	36.04	ng	#	79
45) 1,1'-Biphenyl	9.18	154	1089435	41.11	ng		96
46) 2-Chloronaphthalene	9.21	162	760592	38.98	ng	#	87
47) 2-Nitroaniline	9.30	65	220358	35.66	ng		96
48) Acenaphthylene	9.62	152	1191343	40.23	ng		99
49) Dimethylphthalate	9.49	163	902921	39.96	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	205410	41.61	ng	#	83
51) Acenaphthene	9.79	154	761527	39.53	ng		97
52) 3-Nitroaniline	9.72	138	213944	38.57	ng	#	63
53) 2,4-Dinitrophenol	9.82	184	26947	16.77	ng		89
54) Dibenzofuran	9.96	168	948162	40.27	ng		99
55) 4-Nitrophenol	9.89	139	138461	33.96	ng		89
56) 2,4-Dinitrotoluene	9.95	165	262756	41.73	ng		94
57) Fluorene	10.30	166	783371	39.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	157168	33.47	ng		91
59) Diethylphthalate	10.18	149	845417	38.32	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	346580	41.36	ng		92
61) 4-Nitroaniline	10.33	138	210977	39.03	ng		92
62) Azobenzene	10.45	77	849605	40.04	ng		91
64) 4,6-Dinitro-2-methylphenol	10.35	198	57117	18.53	ng	#	48
65) n-Nitrosodiphenylamine	10.42	169	718812	45.33	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	243269	44.10	ng	#	94
67) Hexachlorobenzene	10.84	284	224030	37.28	ng	#	79
68) Atrazine	10.94	200	187446	37.43	ng		98
69) Pentachlorophenol	11.05	266	92876	32.88	ng		97
70) Phenanthrene	11.25	178	985157	35.57	ng		97
71) Anthracene	11.31	178	1172094	42.00	ng		100
72) Carbazole	11.47	167	963635	39.60	ng		98
73) Di-n-butylphthalate	11.80	149	1187056	38.31	ng	#	97
74) Fluoranthene	12.44	202	998119	35.60	ng		94
76) Benzidine	12.57	184	480981	47.70	ng		98
77) Pyrene	12.66	202	950176	42.04	ng		100
79) Butylbenzylphthalate	13.30	149	439809	42.89	ng	#	85
80) Benzo(a)anthracene	13.85	228	700343	38.22	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	294468	45.39	ng		96
82) Chrysene	13.89	228	710462	39.99	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	569645	44.64	ng	#	96
84) Di-n-octyl phthalate	14.47	149	865996	41.14	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.56	276	921908	65.92	ng		98
87) Benzo(b)fluoranthene	14.87	252	848141m	38.44	ng		
88) Benzo(k)fluoranthene	14.89	252	618055m	33.88	ng		
89) Benzo(a)pyrene	15.19	252	725581	38.60	ng	#	95
90) Dibenzo(a,h)anthracene	16.57	278	756407	47.80	ng		97
91) Benzo(g,h,i)perylene	16.96	276	791022	49.63	ng	#	95

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

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