Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084760.D
Acq On : 2 Feb 2016 21:55
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:41 PM

Quant Time: Feb 03 02:45:28 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	6.69	152	166441	20.00	ng		-0.03
21) Naphthalene-d8	7.98	136	680246	20.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	325786	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	613326	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	425701	20.00	ng		-0.02
86) Perylene-d12	15.22	264	344669	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	881876	82.53	ng		-0.02
7) Phenol-d6	6.35	99	1008016	76.09	ng		-0.02
23) Nitrobenzene-d5	7.28	82	1005882	83.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	283618	83.46	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1711220	90.37	ng		-0.02
78) Terphenyl-d14	12.81	244	1641220	87.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	178733	38.19	ng	#	77
3) Pyridine	2.85	79	489554	40.14	ng	#	75
4) n-Nitrosodimethylamine	2.81	42	237964	37.73	ng		84
6) Aniline	6.36	93	652846	40.27	ng	#	66
8) 2-Chlorophenol	6.49	128	509562	42.13	ng		95
9) Benzaldehyde	6.25	77	307014	39.25	ng		89
10) Phenol	6.36	94	557567	37.57	ng	#	66
11) bis(2-Chloroethyl)ether	6.44	93	459203	39.68	ng		84
12) 1,3-Dichlorobenzene	6.64	146	490649	38.39	ng	#	94
13) 1,4-Dichlorobenzene	6.72	146	519391	40.66	ng		96
14) 1,2-Dichlorobenzene	6.88	146	455895	38.31	ng		94
15) Benzyl Alcohol	6.85	79	364581	39.86	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	768332	39.47	ng		87
17) 2-Methylphenol	6.98	107	391008	40.88	ng	#	92
18) Hexachloroethane	7.21	117	192437	39.12	ng		90
19) n-Nitroso-di-n-propylamine	7.13	70	326458	39.31	ng	#	75
20) 3+4-Methylphenols	7.13	107	459793	38.72	ng	#	73
22) Acetophenone	7.12	105	680293	37.94	ng	#	98
24) Nitrobenzene	7.29	77	458504	35.46	ng		94
25) Isophorone	7.54	82	931483	39.67	ng	#	93
26) 2-Nitrophenol	7.61	139	268366	42.08	ng	#	88
27) 2,4-Dimethylphenol	7.65	122	406190	36.62	ng		95
28) bis(2-Chloroethoxy)methane	7.74	93	528008	37.90	ng		99
29) 2,4-Dichlorophenol	7.86	162	378843	39.91	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	408566	38.11	ng		95
31) Naphthalene	8.01	128	1232803	36.13	ng		99
32) Benzoic acid	7.80	122	312511	44.04	ng		99
33) 4-Chloroaniline	8.06	127	528344	37.44	ng		99
34) Hexachlorobutadiene	8.13	225	256120	41.43	ng		99
35) Caprolactam	8.45	113	132682	45.35	ng		92
36) 4-Chloro-3-methylphenol	8.56	107	407914	37.67	ng		92
37) 2-Methylnaphthalene	8.70	142	896704	41.99	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	371900	35.94	ng		99
40) Hexachlorocyclopentadiene	8.85	237	170698	45.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	262044	39.31	ng		93
43) 2,4,5-Trichlorophenol	9.02	196	263890	38.96	ng	#	86
45) 1,1'-Biphenyl	9.17	154	1119931	38.49	ng		93
46) 2-Chloronaphthalene	9.18	162	777805	36.30	ng		97
47) 2-Nitroaniline	9.29	65	244178	35.99	ng		97
48) Acenaphthylene	9.60	152	1246808	38.34	ng		97
49) Dimethylphthalate	9.48	163	1024576	41.29	ng	#	91
50) 2,6-Dinitrotoluene	9.54	165	240573	44.38	ng		91
51) Acenaphthene	9.78	154	805601	38.08	ng		98
52) 3-Nitroaniline	9.70	138	220881	36.26	ng		97
53) 2,4-Dinitrophenol	9.81	184	103726	44.25	ng		86
54) Dibenzofuran	9.95	168	997782	38.59	ng		95
55) 4-Nitrophenol	9.88	139	173455	38.75	ng		84
56) 2,4-Dinitrotoluene	9.94	165	303326	43.87	ng		95
57) Fluorene	10.28	166	807940	37.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	202495	39.27	ng		92
59) Diethylphthalate	10.17	149	939028	38.76	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	398005	43.66	ng		94
61) 4-Nitroaniline	10.32	138	240943	40.59	ng		92
62) Azobenzene	10.44	77	988197	42.42	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	156540	41.35	ng		70
65) n-Nitrosodiphenylamine	10.41	169	801787	41.17	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	286119	42.24	ng		99
67) Hexachlorobenzene	10.83	284	275318	37.30	ng	#	89
68) Atrazine	10.93	200	218983	35.61	ng		97
69) Pentachlorophenol	11.02	266	136075	39.23	ng		98
70) Phenanthrene	11.24	178	1270017	37.33	ng		98
71) Anthracene	11.30	178	1339269	39.07	ng		99
72) Carbazole	11.46	167	1130050	37.81	ng		97
73) Di-n-butylphthalate	11.79	149	1426810	37.50	ng	#	97
74) Fluoranthene	12.43	202	1333562	38.73	ng		93
76) Benzidine	12.56	184	644687	43.56	ng		99
77) Pyrene	12.65	202	1227471	37.66	ng		99
79) Butylbenzylphthalate	13.29	149	587793	39.75	ng	#	79
80) Benzo(a)anthracene	13.84	228	1003882	37.99	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	383400	40.98	ng	#	93
82) Chrysene	13.87	228	952581	37.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	759183	41.26	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1183814	39.00	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.52	276	816524	40.49	ng		99
87) Benzo(b)fluoranthene	14.84	252	777452m	33.57	ng		
88) Benzo(k)fluoranthene	14.88	252	846041m	44.18	ng		
89) Benzo(a)pyrene	15.17	252	767437	38.89	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	676408	40.72	ng		98
91) Benzo(g,h,i)perylene	16.91	276	705368	42.16	ng		99

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

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