Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084982.D
Acq On : 10 Feb 2016 5:14
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
2/10/2016 1:45:30 PM

Quant Time: Feb 10 06:13:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	194755	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	773814	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	343558	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	550843	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	369599	20.00	ng		-0.06
86) Perylene-d12	15.14	264	338367	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	924706	73.96	ng		-0.06
7) Phenol-d6	6.29	99	1158291	74.72	ng		-0.05
23) Nitrobenzene-d5	7.22	82	1117462	81.35	ng		-0.05
41) 2,4,6-Tribromophenol	10.46	330	250585	69.93	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	1663809	79.93	ng		-0.06
78) Terphenyl-d14	12.74	244	1365744	83.73	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	16184m	2.95	ng		
3) Pyridine	2.74	79	505555	35.43	ng	#	76
4) n-Nitrosodimethylamine	2.69	42	284409	38.54	ng		80
6) Aniline	6.30	93	736932	38.85	ng	#	87
8) 2-Chlorophenol	6.42	128	526566	37.21	ng		86
9) Benzaldehyde	6.18	77	323405	35.33	ng		98
10) Phenol	6.32	94	666519	38.38	ng		81
11) bis(2-Chloroethyl)ether	6.38	93	531485	39.25	ng		85
12) 1,3-Dichlorobenzene	6.58	146	582300	38.94	ng		98
13) 1,4-Dichlorobenzene	6.66	146	583487m	39.03	ng		
14) 1,2-Dichlorobenzene	6.81	146	514080	36.92	ng		98
15) Benzyl Alcohol	6.80	79	391254	36.55	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.93	45	850394	37.33	ng		89
17) 2-Methylphenol	6.92	107	436713	39.02	ng	#	92
18) Hexachloroethane	7.15	117	203562	35.36	ng		91
19) n-Nitroso-di-n-propylamine	7.07	70	334762	34.45	ng	#	74
20) 3+4-Methylphenols	7.08	107	544526	39.19	ng		90
22) Acetophenone	7.06	105	756920	37.11	ng	#	99
24) Nitrobenzene	7.23	77	506116	34.41	ng		95
25) Isophorone	7.48	82	1010084	37.82	ng		94
26) 2-Nitrophenol	7.55	139	247142	34.07	ng		96
27) 2,4-Dimethylphenol	7.61	122	466430	36.96	ng		87
28) bis(2-Chloroethoxy)methane	7.69	93	555363	35.05	ng		99
29) 2,4-Dichlorophenol	7.80	162	397224	36.79	ng		91
30) 1,2,4-Trichlorobenzene	7.87	180	456721	37.45	ng		96
31) Naphthalene	7.95	128	1524863	39.29	ng		99
32) Benzoic acid	7.73	122	250073	30.98	ng		96
33) 4-Chloroaniline	8.01	127	614109	38.26	ng		97
34) Hexachlorobutadiene	8.06	225	246331	35.03	ng		96
35) Caprolactam	8.40	113	111403	33.48	ng	#	57
36) 4-Chloro-3-methylphenol	8.50	107	407736	33.10	ng		94
37) 2-Methylnaphthalene	8.64	142	841753	34.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	467537	42.85	ng		98
40) Hexachlorocyclopentadiene	8.80	237	38287	13.24	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	249094	35.44	ng		95
43) 2,4,5-Trichlorophenol	8.97	196	258353	36.17	ng	#	92
45) 1,1'-Biphenyl	9.10	154	1188440	38.73	ng		99
46) 2-Chloronaphthalene	9.13	162	895616	39.63	ng		92
47) 2-Nitroaniline	9.23	65	296503	41.44	ng		93
48) Acenaphthylene	9.54	152	1361416	39.70	ng		99
49) Dimethylphthalate	9.41	163	951689	36.37	ng	#	89
50) 2,6-Dinitrotoluene	9.47	165	201381	35.23	ng	#	41
51) Acenaphthene	9.71	154	843387	37.80	ng		97
52) 3-Nitroaniline	9.64	138	225922	35.17	ng		92
53) 2,4-Dinitrophenol	9.76	184	9459	9.13	ng		92
54) Dibenzofuran	9.88	168	1064375	39.03	ng		98
55) 4-Nitrophenol	9.82	139	132069	27.98	ng		92
56) 2,4-Dinitrotoluene	9.88	165	249744	34.25	ng	#	88
57) Fluorene	10.22	166	902754	39.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	183502	33.75	ng	#	85
59) Diethylphthalate	10.11	149	999023	39.10	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	371576	37.65	ng		89
61) 4-Nitroaniline	10.26	138	252924	40.41	ng	#	74
62) Azobenzene	10.37	77	875707	35.64	ng		88
64) 4,6-Dinitro-2-methylphenol	10.28	198	27034	7.95	ng	#	73
65) n-Nitrosodiphenylamine	10.34	169	728968	41.68	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	269419	44.28	ng	#	91
67) Hexachlorobenzene	10.76	284	247243	37.30	ng	#	80
68) Atrazine	10.88	200	210330	38.08	ng		94
69) Pentachlorophenol	10.97	266	93262	29.93	ng		99
70) Phenanthrene	11.17	178	1078220	35.29	ng		97
71) Anthracene	11.23	178	1285494	41.76	ng		100
72) Carbazole	11.39	167	1095080	40.79	ng		99
73) Di-n-butylphthalate	11.72	149	1375628	40.25	ng	#	97
74) Fluoranthene	12.36	202	1111032	35.93	ng		92
76) Benzidine	12.49	184	481849	36.84	ng		99
77) Pyrene	12.58	202	1007096	35.59	ng		99
79) Butylbenzylphthalate	13.22	149	536867	41.82	ng	#	86
80) Benzo(a)anthracene	13.77	228	902915	39.36	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	343184	42.25	ng		98
82) Chrysene	13.80	228	780270	35.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	647046	40.50	ng	#	97
84) Di-n-octyl phthalate	14.39	149	1024576	38.87	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.41	276	776706	44.36	ng		99
87) Benzo(b)fluoranthene	14.77	252	866030m	38.09	ng		
88) Benzo(k)fluoranthene	14.80	252	688909m	36.65	ng		
89) Benzo(a)pyrene	15.09	252	765355	39.51	ng	#	98
90) Dibenzo(a,h)anthracene	16.42	278	651299	39.94	ng	#	92
91) Benzo(g,h,i)perylene	16.77	276	632671	38.52	ng		99

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

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