Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084944.D
Acq On : 9 Feb 2016 11:35
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/10/2016 1:44:46 PM

Quant Time: Feb 10 03:33:00 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	222720	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	906176	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	411177	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	727401	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	467909	20.00	ng		-0.06
86) Perylene-d12	15.14	264	392974	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	994515	69.55	ng		-0.06
7) Phenol-d6	6.30	99	1342287	75.72	ng		-0.03
23) Nitrobenzene-d5	7.22	82	1271127	79.02	ng		-0.05
41) 2,4,6-Tribromophenol	10.46	330	322090	75.10	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	2046135	83.19	ng		-0.06
78) Terphenyl-d14	12.74	244	1857355	89.95	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	212278m	33.89	ng		
3) Pyridine	2.76	79	621333	38.07	ng	#	74
4) n-Nitrosodimethylamine	2.73	42	319077	37.80	ng		79
6) Aniline	6.30	93	813836	37.52	ng		90
8) 2-Chlorophenol	6.43	128	617836	38.17	ng		92
9) Benzaldehyde	6.18	77	362283	34.61	ng		99
10) Phenol	6.32	94	831818	41.89	ng		90
11) bis(2-Chloroethyl)ether	6.38	93	588958	38.03	ng		85
12) 1,3-Dichlorobenzene	6.58	146	673885	39.41	ng		98
13) 1,4-Dichlorobenzene	6.66	146	671046m	39.25	ng		
14) 1,2-Dichlorobenzene	6.81	146	552422	34.70	ng		97
15) Benzyl Alcohol	6.80	79	421437	34.43	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.93	45	947258	36.36	ng		90
17) 2-Methylphenol	6.92	107	470065	36.72	ng	#	86
18) Hexachloroethane	7.15	117	266080	40.42	ng		93
19) n-Nitroso-di-n-propylamine	7.07	70	418883	37.70	ng	#	72
20) 3+4-Methylphenols	7.08	107	618906	38.95	ng		89
22) Acetophenone	7.06	105	916470	38.37	ng	#	98
24) Nitrobenzene	7.23	77	574880	33.37	ng		92
25) Isophorone	7.48	82	1188621	38.00	ng		99
26) 2-Nitrophenol	7.55	139	355993	41.90	ng	#	91
27) 2,4-Dimethylphenol	7.61	122	582778	39.44	ng		91
28) bis(2-Chloroethoxy)methane	7.70	93	687858	37.07	ng	#	97
29) 2,4-Dichlorophenol	7.80	162	488802	38.66	ng		92
30) 1,2,4-Trichlorobenzene	7.87	180	517163	36.21	ng		97
31) Naphthalene	7.95	128	1703100	37.47	ng		99
32) Benzoic acid	7.76	122	380915	40.30	ng		91
33) 4-Chloroaniline	8.01	127	672877	35.79	ng		99
34) Hexachlorobutadiene	8.06	225	291907	35.45	ng		97
35) Caprolactam	8.41	113	153494	39.39	ng	#	52
36) 4-Chloro-3-methylphenol	8.51	107	550811	38.19	ng		87
37) 2-Methylnaphthalene	8.64	142	980952	34.48	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	526972	40.35	ng		99
40) Hexachlorocyclopentadiene	8.80	237	200603	43.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	313535	37.27	ng		98
43) 2,4,5-Trichlorophenol	8.97	196	332399	38.89	ng	#	90
45) 1,1'-Biphenyl	9.10	154	1321071	35.97	ng		99
46) 2-Chloronaphthalene	9.13	162	1041551	38.51	ng		93
47) 2-Nitroaniline	9.23	65	330856	38.63	ng		96
48) Acenaphthylene	9.54	152	1539099	37.50	ng		97
49) Dimethylphthalate	9.41	163	1198563	38.27	ng	#	89
50) 2,6-Dinitrotoluene	9.48	165	287154	41.97	ng		98
51) Acenaphthene	9.71	154	989948	37.07	ng		97
52) 3-Nitroaniline	9.64	138	244668	31.83	ng		99
53) 2,4-Dinitrophenol	9.76	184	119460	40.89	ng		86
54) Dibenzofuran	9.88	168	1229317	37.67	ng		94
55) 4-Nitrophenol	9.82	139	205501	36.37	ng	#	85
56) 2,4-Dinitrotoluene	9.88	165	346986	39.76	ng		94
57) Fluorene	10.22	166	1114938	40.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	254396	39.09	ng		87
59) Diethylphthalate	10.11	149	1057394	34.58	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	447553	37.95	ng		90
61) 4-Nitroaniline	10.26	138	278305	37.15	ng		95
62) Azobenzene	10.37	77	1059228	36.02	ng		88
64) 4,6-Dinitro-2-methylphenol	10.29	198	175978	39.20	ng		72
65) n-Nitrosodiphenylamine	10.34	169	811711	35.14	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	326571	40.65	ng	#	86
67) Hexachlorobenzene	10.76	284	323295	36.93	ng	#	81
68) Atrazine	10.88	200	292030	40.04	ng		98
69) Pentachlorophenol	10.97	266	129141	31.39	ng		99
70) Phenanthrene	11.17	178	1345762	33.36	ng		97
71) Anthracene	11.23	178	1671243	41.11	ng		99
72) Carbazole	11.39	167	1420963	40.09	ng		98
73) Di-n-butylphthalate	11.72	149	1672195	37.05	ng	#	96
74) Fluoranthene	12.36	202	1522126	37.28	ng		92
76) Benzidine	12.49	184	631008	38.20	ng		98
77) Pyrene	12.58	202	1400616	39.10	ng		99
79) Butylbenzylphthalate	13.22	149	706736	43.49	ng	#	84
80) Benzo(a)anthracene	13.77	228	1171479	40.34	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	417027	40.56	ng		99
82) Chrysene	13.80	228	1022676	36.31	ng		100
83) Bis(2-ethylhexyl)phthalate	13.78	149	879701	43.50	ng	#	97
84) Di-n-octyl phthalate	14.39	149	1277224	38.28	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.40	276	970045	43.76	ng		98
87) Benzo(b)fluoranthene	14.77	252	1098363m	41.60	ng		
88) Benzo(k)fluoranthene	14.80	252	744781m	34.12	ng		
89) Benzo(a)pyrene	15.08	252	859735	38.21	ng	#	96
90) Dibenzo(a,h)anthracene	16.41	278	795131	41.99	ng		99
91) Benzo(g,h,i)perylene	16.77	276	831328	43.58	ng		99

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

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