Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082695.D
Acq On : 4 Nov 2015 12:26
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/5/2015 2:19:30 PM

Quant Time: Nov 04 23:19:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	202713	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	812464	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	434637	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	781763	20.00	ng		-0.02
75) Chrysene-d12	14.04	240	654439	20.00	ng		-0.01
86) Perylene-d12	15.49	264	573809	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	954228	70.90	ng		-0.01
7) Phenol-d6	6.50	99	1301499	72.79	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1409373	70.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	402818	84.68	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	2501924	81.73	ng		-0.01
78) Terphenyl-d14	12.98	244	2077835	69.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	208359	33.49	ng		96
3) Pyridine	3.18	79	645774	35.40	ng		99
4) n-Nitrosodimethylamine	3.14	42	326062	31.75	ng		91
6) Aniline	6.53	93	958443	38.50	ng		97
8) 2-Chlorophenol	6.66	128	551384	37.86	ng		95
9) Benzaldehyde	6.41	77	395142	32.37	ng		95
10) Phenol	6.51	94	695525	34.33	ng		92
11) bis(2-Chloroethyl)ether	6.60	93	528714	35.37	ng		93
12) 1,3-Dichlorobenzene	6.81	146	608263	36.63	ng		94
13) 1,4-Dichlorobenzene	6.89	146	682913	41.47	ng		95
14) 1,2-Dichlorobenzene	7.05	146	585024	38.27	ng		95
15) Benzyl Alcohol	7.01	79	644579	38.66	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	854445	35.97	ng		97
17) 2-Methylphenol	7.13	107	480571	38.81	ng		98
18) Hexachloroethane	7.39	117	253877	39.50	ng	#	82
19) n-Nitroso-di-n-propylamine	7.30	70	527283	38.90	ng	#	78
20) 3+4-Methylphenols	7.29	107	640593	39.81	ng		90
22) Acetophenone	7.29	105	912329	38.14	ng		97
24) Nitrobenzene	7.46	77	729228	36.26	ng		96
25) Isophorone	7.70	82	1321057	36.09	ng		99
26) 2-Nitrophenol	7.77	139	278846	37.96	ng		87
27) 2,4-Dimethylphenol	7.81	122	543103	37.87	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	701375	35.03	ng		98
29) 2,4-Dichlorophenol	8.02	162	522892	40.00	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	546650	37.68	ng		97
31) Naphthalene	8.18	128	1609964	36.62	ng		100
32) Benzoic acid	7.95	122	360046	34.61	ng		96
33) 4-Chloroaniline	8.22	127	701966	37.40	ng		94
34) Hexachlorobutadiene	8.30	225	375285	40.68	ng		99
35) Caprolactam	8.60	113	156745	39.08	ng	#	87
36) 4-Chloro-3-methylphenol	8.70	107	555373	36.08	ng		97
37) 2-Methylnaphthalene	8.88	142	1152248m	40.44	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	515533	35.55	ng		99
40) Hexachlorocyclopentadiene	9.04	237	335635	36.81	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	424310	40.52	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	391248m	37.50	ng		
45) 1,1'-Biphenyl	9.33	154	1255383	34.19	ng		96
46) 2-Chloronaphthalene	9.36	162	1014233	35.38	ng		94
47) 2-Nitroaniline	9.45	65	377035	33.83	ng	#	86
48) Acenaphthylene	9.78	152	1755584	38.29	ng		98
49) Dimethylphthalate	9.64	163	1449890	40.85	ng		99
50) 2,6-Dinitrotoluene	9.70	165	307066	41.74	ng	#	67
51) Acenaphthene	9.95	154	1224192	42.06	ng		99
52) 3-Nitroaniline	9.86	138	273817	33.45	ng		89
53) 2,4-Dinitrophenol	9.96	184	151119	42.02	ng	#	32
54) Dibenzofuran	10.12	168	1568878	39.72	ng	#	88
55) 4-Nitrophenol	10.02	139	257470	41.81	ng		89
56) 2,4-Dinitrotoluene	10.10	165	429092	43.13	ng	#	82
57) Fluorene	10.46	166	1246883	39.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	351365	39.84	ng		91
59) Diethylphthalate	10.34	149	1484991	41.09	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	621092	40.11	ng		92
61) 4-Nitroaniline	10.48	138	306417	39.23	ng		89
62) Azobenzene	10.61	77	1573253	38.61	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	242691	51.47	ng		80
65) n-Nitrosodiphenylamine	10.57	169	997759	37.13	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	398289	44.96	ng	#	91
67) Hexachlorobenzene	11.01	284	442521	45.05	ng	#	67
68) Atrazine	11.10	200	381118	43.35	ng		92
69) Pentachlorophenol	11.20	266	262342	40.50	ng		98
70) Phenanthrene	11.41	178	1720883	39.03	ng		100
71) Anthracene	11.47	178	1793025	40.39	ng		100
72) Carbazole	11.62	167	1450067	37.50	ng		99
73) Di-n-butylphthalate	11.96	149	2168847	44.06	ng		99
74) Fluoranthene	12.60	202	1650454	36.62	ng		98
76) Benzidine	12.72	184	906530	30.71	ng		99
77) Pyrene	12.83	202	1657149	34.20	ng		99
79) Butylbenzylphthalate	13.46	149	960035	45.23	ng	#	83
80) Benzo(a)anthracene	14.03	228	1604520	38.60	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	562961	39.30	ng		99
82) Chrysene	14.07	228	1508322	40.03	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1273152	46.27	ng	#	99
84) Di-n-octyl phthalate	14.66	149	1944783	45.31	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	1237264	39.79	ng		99
87) Benzo(b)fluoranthene	15.08	252	1307052	33.03	ng	#	98
88) Benzo(k)fluoranthene	15.12	252	1331311m	44.17	ng		
89) Benzo(a)pyrene	15.44	252	1157210	37.14	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	1034823	35.59	ng		99
91) Benzo(g,h,i)perylene	17.33	276	947060	33.61	ng		99

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

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