Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091081.D
Acq On : 8 Nov 2016 13:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
umangi
11/9/2016 10:56:48 AM

Quant Time: Nov 09 01:14:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178760	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	748150	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	382124	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	617867	20.00	ng		0.00
75) Chrysene-d12	13.81	240	571635	20.00	ng		0.00
86) Perylene-d12	15.19	264	385334	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	931973	86.10	ng		0.00
7) Phenol-d6	6.32	99	1163990	79.23	ng		0.00
23) Nitrobenzene-d5	7.24	82	1202209	87.66	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	272482	78.87	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	1928410	86.88	ng		0.00
78) Terphenyl-d14	12.76	244	1632166	71.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	239662	38.71	ng		98
3) Pyridine	2.78	79	669610	46.23	ng		99
4) n-Nitrosodimethylamine	2.75	42	234682	40.96	ng		92
6) Aniline	6.33	93	722972	41.72	ng	#	84
8) 2-Chlorophenol	6.45	128	528860	40.96	ng		85
9) Benzaldehyde	6.20	77	330037	40.47	ng		97
10) Phenol	6.33	94	606830	37.32	ng		95
11) bis(2-Chloroethyl)ether	6.41	93	539982	39.41	ng		95
12) 1,3-Dichlorobenzene	6.60	146	539549	41.32	ng		97
13) 1,4-Dichlorobenzene	6.68	146	595845	42.53	ng		97
14) 1,2-Dichlorobenzene	6.83	146	497112	38.66	ng		95
15) Benzyl Alcohol	6.82	79	415215	40.07	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	750926	38.28	ng		99
17) 2-Methylphenol	6.94	107	431754	42.24	ng		96
18) Hexachloroethane	7.17	117	227444	41.95	ng		92
19) n-Nitroso-di-n-propylamine	7.09	70	404245	39.71	ng		97
20) 3+4-Methylphenols	7.10	107	555815	45.29	ng		97
22) Acetophenone	7.08	105	709458	41.19	ng	#	97
24) Nitrobenzene	7.25	77	595270	39.30	ng		91
25) Isophorone	7.49	82	1063623	40.25	ng		96
26) 2-Nitrophenol	7.57	139	299906	46.79	ng	#	81
27) 2,4-Dimethylphenol	7.63	122	434850	41.02	ng		94
28) bis(2-Chloroethoxy)methane	7.71	93	573940	39.75	ng		99
29) 2,4-Dichlorophenol	7.82	162	393227	42.50	ng		93
30) 1,2,4-Trichlorobenzene	7.89	180	440202	42.32	ng		97
31) Naphthalene	7.97	128	1468924	41.05	ng		99
32) Benzoic acid	7.78	122	326278	40.35	ng		99
33) 4-Chloroaniline	8.03	127	602618	40.50	ng	#	92
34) Hexachlorobutadiene	8.10	225	254015	45.24	ng		98
35) Caprolactam	8.42	113	130260	44.82	ng	#	60
36) 4-Chloro-3-methylphenol	8.52	107	438979	39.19	ng	#	85
37) 2-Methylnaphthalene	8.67	142	927932	40.34	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	413160	42.41	ng		100
40) Hexachlorocyclopentadiene	8.82	237	126326	37.43	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	263623	41.92	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	282122	42.72	ng	#	88
45) 1,1'-Biphenyl	9.13	154	1115022	39.96	ng		99
46) 2-Chloronaphthalene	9.15	162	847712	40.02	ng		98
47) 2-Nitroaniline	9.25	65	322184	40.98	ng		89
48) Acenaphthylene	9.56	152	1326691	40.19	ng		100
49) Dimethylphthalate	9.44	163	943867	37.67	ng		100
50) 2,6-Dinitrotoluene	9.50	165	238935	44.50	ng	#	55
51) Acenaphthene	9.73	154	787497	37.99	ng		99
52) 3-Nitroaniline	9.66	138	253670	39.84	ng		92
53) 2,4-Dinitrophenol	9.78	184	114152	42.23	ng	#	81
54) Dibenzofuran	9.90	168	1117536	40.06	ng		99
55) 4-Nitrophenol	9.85	139	150161	38.60	ng		88
56) 2,4-Dinitrotoluene	9.90	165	305578	44.73	ng	#	82
57) Fluorene	10.25	166	909965	39.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	231082	44.67	ng		98
59) Diethylphthalate	10.13	149	1006517	39.18	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	451285	43.48	ng		99
61) 4-Nitroaniline	10.28	138	277486	43.08	ng		96
62) Azobenzene	10.41	77	1246805	41.23	ng		100
64) 4,6-Dinitro-2-methylphenol	10.32	198	174372	46.09	ng		79
65) n-Nitrosodiphenylamine	10.36	169	781612	39.80	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	257849	40.12	ng		92
67) Hexachlorobenzene	10.80	284	310241	43.77	ng		95
68) Atrazine	10.90	200	249607	44.06	ng		99
69) Pentachlorophenol	10.99	266	123571	39.36	ng		99
70) Phenanthrene	11.21	178	1466106	44.64	ng		100
71) Anthracene	11.25	178	1321352	37.84	ng		100
72) Carbazole	11.41	167	1188591	37.77	ng		100
73) Di-n-butylphthalate	11.76	149	1641554	41.48	ng		99
74) Fluoranthene	12.39	202	1324295	38.88	ng		97
76) Benzidine	12.51	184	463052	36.26	ng		99
77) Pyrene	12.61	202	1451112	38.76	ng		99
79) Butylbenzylphthalate	13.24	149	704304	39.33	ng		92
80) Benzo(a)anthracene	13.80	228	1290636	39.77	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	420944	36.92	ng	#	96
82) Chrysene	13.84	228	1061960	33.18	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	850474	35.10	ng		99
84) Di-n-octyl phthalate	14.42	149	1470197	36.90	ng		99
85) Indeno(1,2,3-cd)pyrene	16.48	276	957624	36.06	ng		99
87) Benzo(b)fluoranthene	14.81	252	1035697m	39.63	ng		
88) Benzo(k)fluoranthene	14.83	252	949331m	41.41	ng		
89) Benzo(a)pyrene	15.13	252	912632	40.11	ng	#	94
90) Dibenzo(a,h)anthracene	16.49	278	826582	42.03	ng		98
91) Benzo(g,h,i)perylene	16.87	276	770761	43.33	ng	#	92

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

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