Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091076.D
Acq On : 8 Nov 2016 11:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
11/9/2016 10:56:47 AM

Quant Time: Nov 08 13:12:16 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	191349	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	825303	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	400478	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	655386	20.00	ng		0.00
75) Chrysene-d12	13.81	240	627421	20.00	ng		0.00
86) Perylene-d12	15.19	264	417885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	990805	85.52	ng		0.00
7) Phenol-d6	6.32	99	1273553	80.98	ng		0.00
23) Nitrobenzene-d5	7.24	82	1283284	84.82	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	301595	83.30	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	2054638	88.33	ng		0.00
78) Terphenyl-d14	12.76	244	1757090	69.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	260107	39.25	ng		97
3) Pyridine	2.78	79	727814	46.94	ng		99
4) n-Nitrosodimethylamine	2.75	42	251052	40.94	ng		93
6) Aniline	6.33	93	804631	43.38	ng	#	85
8) 2-Chlorophenol	6.45	128	597247	43.22	ng		86
9) Benzaldehyde	6.20	77	352238	40.36	ng		97
10) Phenol	6.33	94	661934	38.03	ng		98
11) bis(2-Chloroethyl)ether	6.41	93	602596	41.09	ng		95
12) 1,3-Dichlorobenzene	6.60	146	605318	43.31	ng		95
13) 1,4-Dichlorobenzene	6.68	146	621477	41.44	ng		97
14) 1,2-Dichlorobenzene	6.83	146	533375	38.75	ng		95
15) Benzyl Alcohol	6.82	79	455368	41.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	814575	38.79	ng		99
17) 2-Methylphenol	6.94	107	475457	43.46	ng		95
18) Hexachloroethane	7.17	117	234318	40.37	ng		92
19) n-Nitroso-di-n-propylamine	7.09	70	420632	38.60	ng		98
20) 3+4-Methylphenols	7.09	107	587010	44.69	ng	#	76
22) Acetophenone	7.08	105	755043	39.73	ng	#	97
24) Nitrobenzene	7.25	77	641956	38.42	ng		91
25) Isophorone	7.49	82	1152063	39.52	ng		96
26) 2-Nitrophenol	7.57	139	315452	44.61	ng	#	85
27) 2,4-Dimethylphenol	7.62	122	477154	40.80	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	629344	39.52	ng		99
29) 2,4-Dichlorophenol	7.82	162	434329	42.56	ng		93
30) 1,2,4-Trichlorobenzene	7.89	180	458039	39.92	ng		97
31) Naphthalene	7.97	128	1564017	39.63	ng		99
32) Benzoic acid	7.78	122	341361	38.54	ng		98
33) 4-Chloroaniline	8.03	127	688915	41.97	ng	#	92
34) Hexachlorobutadiene	8.10	225	270256	43.63	ng		98
35) Caprolactam	8.42	113	149623	46.66	ng	#	79
36) 4-Chloro-3-methylphenol	8.52	107	503209	40.73	ng	#	85
37) 2-Methylnaphthalene	8.67	142	1014105	39.97	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	434506	42.55	ng		100
40) Hexachlorocyclopentadiene	8.82	237	135453	38.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	288741	43.81	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	299552	43.28	ng	#	88
45) 1,1'-Biphenyl	9.13	154	1150010	39.33	ng		99
46) 2-Chloronaphthalene	9.15	162	917351	41.32	ng		98
47) 2-Nitroaniline	9.25	65	340856	41.37	ng		92
48) Acenaphthylene	9.56	152	1347313	38.94	ng		99
49) Dimethylphthalate	9.44	163	1008153	38.39	ng		100
50) 2,6-Dinitrotoluene	9.50	165	265515	47.18	ng	#	57
51) Acenaphthene	9.73	154	839064	38.63	ng		99
52) 3-Nitroaniline	9.66	138	272850	40.88	ng		91
53) 2,4-Dinitrophenol	9.78	184	125431	43.97	ng	#	90
54) Dibenzofuran	9.90	168	1175092	40.19	ng		100
55) 4-Nitrophenol	9.85	139	163089	39.80	ng	#	81
56) 2,4-Dinitrotoluene	9.90	165	335880	46.91	ng	#	85
57) Fluorene	10.25	166	997999	41.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	251727	46.43	ng		98
59) Diethylphthalate	10.13	149	1128008	41.90	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	498830	45.86	ng		99
61) 4-Nitroaniline	10.28	138	297132	44.01	ng		94
62) Azobenzene	10.41	77	1350611	42.61	ng		98
64) 4,6-Dinitro-2-methylphenol	10.32	198	190857	47.56	ng		74
65) n-Nitrosodiphenylamine	10.36	169	880413	42.26	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	265683	38.97	ng		97
67) Hexachlorobenzene	10.80	284	334126	44.44	ng		96
68) Atrazine	10.90	200	267208	44.46	ng		99
69) Pentachlorophenol	10.99	266	134961	40.53	ng		97
70) Phenanthrene	11.21	178	1562458	44.85	ng		100
71) Anthracene	11.25	178	1377030	37.18	ng		99
72) Carbazole	11.41	167	1263043	37.84	ng		99
73) Di-n-butylphthalate	11.76	149	1734975	41.33	ng		100
74) Fluoranthene	12.39	202	1429501	39.56	ng		98
76) Benzidine	12.51	184	553558	39.49	ng		99
77) Pyrene	12.61	202	1519938	36.99	ng		100
79) Butylbenzylphthalate	13.24	149	781239	39.75	ng		93
80) Benzo(a)anthracene	13.80	228	1288513	36.17	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	465855	37.22	ng	#	96
82) Chrysene	13.84	228	1230346	35.03	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	893103	33.58	ng	#	98
84) Di-n-octyl phthalate	14.42	149	1573584	35.98	ng		97
85) Indeno(1,2,3-cd)pyrene	16.48	276	981753	33.69	ng		98
87) Benzo(b)fluoranthene	14.81	252	1143823m	40.36	ng		
88) Benzo(k)fluoranthene	14.83	252	977993m	39.34	ng		
89) Benzo(a)pyrene	15.13	252	988160	40.05	ng	#	96
90) Dibenzo(a,h)anthracene	16.49	278	858042	40.23	ng		97
91) Benzo(g,h,i)perylene	16.85	276	806714	41.82	ng		99

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

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