Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010917\
Data File : BF092134.D
Acq On : 9 Jan 2017 13:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/9/2017 3:39:34 PM

Quant Time: Jan 09 14:49:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	177889	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	733892	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	375881	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	623018	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	474675	20.00	ng		0.00
86) Perylene-d12	15.15	264	428301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	916026	85.98	ng		0.00
7) Phenol-d6	6.31	99	1127318	86.67	ng		0.00
23) Nitrobenzene-d5	7.21	82	1114774	84.46	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	261880	84.19	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1835641	102.76	ng		0.00
78) Terphenyl-d14	12.73	244	1520492	77.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	200829	38.29	ng		98
3) Pyridine	2.73	79	816252	44.59	ng		99
4) n-Nitrosodimethylamine	2.70	42	289962	41.99	ng		99
6) Aniline	6.30	93	733591	43.42	ng	#	45
8) 2-Chlorophenol	6.42	128	504390	41.62	ng		100
9) Benzaldehyde	6.17	77	311336	43.19	ng		98
10) Phenol	6.32	94	716158	48.32	ng	#	70
11) bis(2-Chloroethyl)ether	6.38	93	521544	44.22	ng		95
12) 1,3-Dichlorobenzene	6.57	146	566697m	43.80	ng		
13) 1,4-Dichlorobenzene	6.65	146	578007	43.90	ng		94
14) 1,2-Dichlorobenzene	6.80	146	465446	40.74	ng		97
15) Benzyl Alcohol	6.79	79	395740	39.16	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	743861	42.36	ng	#	20
17) 2-Methylphenol	6.93	107	412579	42.33	ng	#	92
18) Hexachloroethane	7.14	117	203918	41.77	ng		96
19) n-Nitroso-di-n-propylamine	7.06	70	371847	42.97	ng		97
20) 3+4-Methylphenols	7.09	107	573102	49.30	ng	#	71
22) Acetophenone	7.05	105	749303	41.39	ng	#	93
24) Nitrobenzene	7.22	77	537249	38.22	ng		97
25) Isophorone	7.46	82	946889	38.89	ng	#	93
26) 2-Nitrophenol	7.54	139	286208	41.29	ng		94
27) 2,4-Dimethylphenol	7.60	122	418555	36.40	ng		100
28) bis(2-Chloroethoxy)methane	7.68	93	556309	37.68	ng		99
29) 2,4-Dichlorophenol	7.80	162	393742	40.44	ng		87
30) 1,2,4-Trichlorobenzene	7.86	180	422495	39.60	ng	#	94
31) Naphthalene	7.94	128	1439362	42.85	ng		99
32) Benzoic acid	7.76	122	313029	36.71	ng		97
33) 4-Chloroaniline	8.00	127	570115	37.64	ng		99
34) Hexachlorobutadiene	8.07	225	247186	43.89	ng		97
35) Caprolactam	8.39	113	135653	42.40	ng	#	83
36) 4-Chloro-3-methylphenol	8.52	107	441090	39.37	ng	#	83
37) 2-Methylnaphthalene	8.63	142	923412	45.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	391526	41.23	ng		99
40) Hexachlorocyclopentadiene	8.79	237	135817	34.49	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	271002	40.80	ng		98
43) 2,4,5-Trichlorophenol	8.97	196	278971	40.82	ng		98
45) 1,1'-Biphenyl	9.10	154	1052874	40.91	ng		96
46) 2-Chloronaphthalene	9.12	162	825133	40.48	ng		95
47) 2-Nitroaniline	9.22	65	276164	38.06	ng		99
48) Acenaphthylene	9.53	152	1248635	39.83	ng		98
49) Dimethylphthalate	9.42	163	1034418	43.03	ng		99
50) 2,6-Dinitrotoluene	9.48	165	244400	46.45	ng		99
51) Acenaphthene	9.70	154	783592	36.87	ng		100
52) 3-Nitroaniline	9.65	138	297645	45.71	ng	#	73
53) 2,4-Dinitrophenol	9.75	184	118751	40.56	ng	#	60
54) Dibenzofuran	9.88	168	1058588	36.89	ng		99
55) 4-Nitrophenol	9.84	139	171603m	38.81	ng		
56) 2,4-Dinitrotoluene	9.88	165	274278	41.53	ng	#	84
57) Fluorene	10.22	166	837354	40.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	207769	38.43	ng		98
59) Diethylphthalate	10.10	149	960424	41.14	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	416896	45.60	ng		88
61) 4-Nitroaniline	10.25	138	255629	37.88	ng		97
62) Azobenzene	10.38	77	1111643	43.24	ng		88
64) 4,6-Dinitro-2-methylphenol	10.29	198	149392	39.65	ng		81
65) n-Nitrosodiphenylamine	10.33	169	788060	42.63	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	257261	39.70	ng		93
67) Hexachlorobenzene	10.77	284	282145	40.73	ng		95
68) Atrazine	10.87	200	198035	33.21	ng		99
69) Pentachlorophenol	10.97	266	127280	37.45	ng		98
70) Phenanthrene	11.18	178	1442099	42.69	ng		98
71) Anthracene	11.22	178	1314711	43.34	ng		99
72) Carbazole	11.38	167	1269455	46.16	ng		98
73) Di-n-butylphthalate	11.73	149	1570130	49.46	ng		98
74) Fluoranthene	12.36	202	1328873	44.82	ng		98
76) Benzidine	12.49	184	725087	66.88	ng		98
77) Pyrene	12.59	202	1406928	40.40	ng		100
79) Butylbenzylphthalate	13.21	149	628357	39.67	ng		99
80) Benzo(a)anthracene	13.77	228	1140564	42.57	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	404219	39.78	ng		97
82) Chrysene	13.81	228	1061857	39.51	ng		100
83) Bis(2-ethylhexyl)phthalate	13.79	149	847813	45.45	ng	#	95
84) Di-n-octyl phthalate	14.39	149	1505847	43.58	ng		100
85) Indeno(1,2,3-cd)pyrene	16.43	276	939982	40.37	ng		100
87) Benzo(b)fluoranthene	14.78	252	1168618m	43.82	ng		
88) Benzo(k)fluoranthene	14.80	252	850468m	37.40	ng		
89) Benzo(a)pyrene	15.10	252	978763	41.35	ng	#	96
90) Dibenzo(a,h)anthracene	16.44	278	794952	40.86	ng	#	95
91) Benzo(g,h,i)perylene	16.80	276	817239	40.40	ng		97

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

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