Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093130.D
Acq On : 24 Feb 2017 5:07
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:32 PM

Quant Time: Feb 24 06:11:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	179296	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	648876	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	302709	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	430153	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	361689	20.00	ng		-0.01
86) Perylene-d12	15.43	264	329845	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	879624	84.17	ng		-0.01
7) Phenol-d6	6.49	99	1048288	77.96	ng		0.00
23) Nitrobenzene-d5	7.42	82	1027359	88.17	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	146663	66.99	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1363540	81.61	ng		-0.01
78) Terphenyl-d14	12.95	244	1063527	69.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	223023	39.49	ng	#	82
3) Pyridine	3.10	79	632784	44.07	ng	#	85
4) n-Nitrosodimethylamine	3.07	42	287852	42.69	ng		86
6) Aniline	6.51	93	762917	41.59	ng	#	47
8) 2-Chlorophenol	6.62	128	454699	39.44	ng		90
9) Benzaldehyde	6.38	77	330374	34.29	ng		91
10) Phenol	6.50	94	569992	36.23	ng		92
11) bis(2-Chloroethyl)ether	6.58	93	488904	38.93	ng		89
12) 1,3-Dichlorobenzene	6.78	146	555863	41.16	ng		97
13) 1,4-Dichlorobenzene	6.86	146	561088	41.05	ng		93
14) 1,2-Dichlorobenzene	7.01	146	480853	36.79	ng		97
15) Benzyl Alcohol	6.99	79	346759	34.83	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	867042	39.74	ng		96
17) 2-Methylphenol	7.12	107	402573	40.70	ng		97
18) Hexachloroethane	7.36	117	157974	33.86	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	330569	38.62	ng		94
20) 3+4-Methylphenols	7.26	107	473434	40.03	ng	#	63
22) Acetophenone	7.26	105	618726	41.76	ng	#	95
24) Nitrobenzene	7.44	77	504284	42.15	ng		99
25) Isophorone	7.68	82	909230	41.88	ng		95
26) 2-Nitrophenol	7.76	139	246276	43.30	ng		89
27) 2,4-Dimethylphenol	7.80	122	440826	44.13	ng		93
28) bis(2-Chloroethoxy)methane	7.89	93	669579	46.56	ng		99
29) 2,4-Dichlorophenol	8.00	162	368236	39.53	ng		85
30) 1,2,4-Trichlorobenzene	8.08	180	396881	39.53	ng		96
31) Naphthalene	8.16	128	1251671	38.05	ng		100
32) Benzoic acid	7.93	122	212188	39.06	ng		97
33) 4-Chloroaniline	8.21	127	567327	43.98	ng		98
34) Hexachlorobutadiene	8.27	225	208434	37.74	ng		99
35) Caprolactam	8.59	113	112145	38.27	ng	#	31
36) 4-Chloro-3-methylphenol	8.70	107	383229	39.46	ng		85
37) 2-Methylnaphthalene	8.84	142	813105	38.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	368371	43.35	ng		98
40) Hexachlorocyclopentadiene	9.00	237	19587	5.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	228527	40.93	ng		92
43) 2,4,5-Trichlorophenol	9.17	196	254646	41.62	ng	#	90
45) 1,1'-Biphenyl	9.31	154	950055	43.34	ng		97
46) 2-Chloronaphthalene	9.33	162	718565	41.91	ng		96
47) 2-Nitroaniline	9.44	65	269676	46.78	ng		98
48) Acenaphthylene	9.74	152	1114630	37.63	ng		99
49) Dimethylphthalate	9.62	163	928640	45.55	ng		100
50) 2,6-Dinitrotoluene	9.68	165	171936	39.05	ng	#	78
51) Acenaphthene	9.92	154	622423	35.15	ng		97
52) 3-Nitroaniline	9.85	138	224707	44.59	ng		96
53) 2,4-Dinitrophenol	9.96	184	12573	10.02	ng	#	78
54) Dibenzofuran	10.09	168	862464	36.41	ng		97
55) 4-Nitrophenol	10.02	139	128620	35.44	ng	#	79
56) 2,4-Dinitrotoluene	10.08	165	204089	34.81	ng	#	85
57) Fluorene	10.43	166	709006	38.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	164275	40.25	ng		94
59) Diethylphthalate	10.30	149	790360	41.13	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	326588	37.30	ng		96
61) 4-Nitroaniline	10.45	138	211018	40.88	ng		92
62) Azobenzene	10.58	77	801265	40.36	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	26224	12.13	ng	#	45
65) n-Nitrosodiphenylamine	10.54	169	672038	48.91	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	196956	43.83	ng		95
67) Hexachlorobenzene	10.98	284	183946	41.42	ng		95
68) Atrazine	11.07	200	178679	40.52	ng		98
69) Pentachlorophenol	11.17	266	89807	42.85	ng		97
70) Phenanthrene	11.39	178	973609	39.51	ng		98
71) Anthracene	11.44	178	987542	39.90	ng		99
72) Carbazole	11.60	167	890216	37.63	ng		99
73) Di-n-butylphthalate	11.93	149	1184582	46.30	ng	#	96
74) Fluoranthene	12.58	202	966602	38.02	ng		93
76) Benzidine	12.71	184	643921	41.78	ng		97
77) Pyrene	12.81	202	1011293	37.36	ng		98
79) Butylbenzylphthalate	13.43	149	447699	40.73	ng	#	72
80) Benzo(a)anthracene	14.00	228	875840	39.59	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	333885	42.34	ng		97
82) Chrysene	14.03	228	893317	43.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	618668	41.16	ng		99
84) Di-n-octyl phthalate	14.59	149	1163331	47.53	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	682942	42.57	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	946620m	43.60	ng		
88) Benzo(k)fluoranthene	15.05	252	682315m	36.40	ng		
89) Benzo(a)pyrene	15.37	252	758669	40.40	ng	#	96
90) Dibenzo(a,h)anthracene	16.84	278	601241	39.61	ng		97
91) Benzo(g,h,i)perylene	17.25	276	572044	37.31	ng	#	91

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

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