Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100855.D
Acq On : 23 Nov 2017 6:07
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/27/2017 3:21:04 PM

Quant Time: Nov 24 22:02:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	73337	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	290092	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	128495	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	219245	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	138995	20.00	ng		-0.02
86) Perylene-d12	15.50	264	159465	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	366372	80.08	ng		-0.02
7) Phenol-d6	6.49	99	452629	80.23	ng		-0.02
23) Nitrobenzene-d5	7.43	82	402374	91.70	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	111144	84.88	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	781614	92.62	ng		-0.02
78) Terphenyl-d14	12.97	244	543687	89.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	80214	35.978	ng		99
3) Pyridine	3.39	79	214381	35.244	ng		95
4) n-Nitrosodimethylamine	3.35	42	105477	35.715	ng	#	92
6) Aniline	6.53	93	296336	37.180	ng		98
8) 2-Chlorophenol	6.65	128	201505	41.634	ng		98
9) Benzaldehyde	6.42	77	140480	34.868	ng		95
10) Phenol	6.51	94	247540	41.797	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	186391	37.468	ng		96
12) 1,3-Dichlorobenzene	6.80	146	234417	42.010	ng		97
13) 1,4-Dichlorobenzene	6.88	146	237626	42.075	ng		97
14) 1,2-Dichlorobenzene	7.03	146	222553	42.620	ng		97
15) Benzyl Alcohol	7.00	79	172661	39.214	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	267667m	33.642	ng		
17) 2-Methylphenol	7.12	107	166213	40.187	ng		98
18) Hexachloroethane	7.37	117	66263	35.584	ng	#	88
19) n-Nitroso-di-n-propylamine	7.28	70	147103	37.598	ng		98
20) 3+4-Methylphenols	7.27	107	207926	39.727	ng	#	79
22) Acetophenone	7.27	105	277816	39.274	ng	#	96
24) Nitrobenzene	7.45	77	201781	44.680	ng		99
25) Isophorone	7.69	82	340671	36.947	ng		99
26) 2-Nitrophenol	7.76	139	103326	48.708	ng		90
27) 2,4-Dimethylphenol	7.80	122	157420	38.085	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	230119	38.154	ng		99
29) 2,4-Dichlorophenol	8.00	162	171192	43.384	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	185087	43.363	ng		97
31) Naphthalene	8.17	128	574811	41.139	ng		100
32) Benzoic acid	7.91	122	104035m	35.822	ng		
33) 4-Chloroaniline	8.22	127	234095	40.250	ng		99
34) Hexachlorobutadiene	8.28	225	111361	43.880	ng		100
35) Caprolactam	8.60	113	49676	36.684	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	170037	40.122	ng		99
37) 2-Methylnaphthalene	8.86	142	380119	40.978	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	202927	47.618	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	17909	8.929	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	122471	45.345	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	129909	46.424	ng		94
45) 1,1'-Biphenyl	9.32	154	494330	44.480	ng		98
46) 2-Chloronaphthalene	9.35	162	362895	45.011	ng		95
47) 2-Nitroaniline	9.45	65	106634	44.949	ng		98
48) Acenaphthylene	9.76	152	571386	42.764	ng		99
49) Dimethylphthalate	9.62	163	430206	43.850	ng		99
50) 2,6-Dinitrotoluene	9.69	165	90524	46.614	ng		88
51) Acenaphthene	9.93	154	339814	41.818	ng		98
52) 3-Nitroaniline	9.86	138	99128	43.227	ng		94
53) 2,4-Dinitrophenol	9.96	184	8113	20.005	ng	#	12
54) Dibenzofuran	10.10	168	480666	42.203	ng		99
55) 4-Nitrophenol	10.01	139	59796	32.113	ng		91
56) 2,4-Dinitrotoluene	10.09	165	114637	46.793	ng	#	92
57) Fluorene	10.45	166	375583	45.016	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	90867	39.620	ng	#	83
59) Diethylphthalate	10.32	149	414954	42.265	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	188445	46.041	ng		90
61) 4-Nitroaniline	10.47	138	90456	41.600	ng		88
62) Azobenzene	10.60	77	339724	36.739	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	21557	24.567	ng		75
65) n-Nitrosodiphenylamine	10.56	169	366970	48.138	ng		95
66) 4-Bromophenyl-phenylether	10.93	248	113277	48.197	ng	#	89
67) Hexachlorobenzene	11.00	284	114382	46.532	ng	#	83
68) Atrazine	11.09	200	106277	46.055	ng		96
69) Pentachlorophenol	11.19	266	54265	30.787	ng		98
70) Phenanthrene	11.41	178	483374	41.874	ng		98
71) Anthracene	11.46	178	486940	41.578	ng		100
72) Carbazole	11.62	167	412629	38.184	ng		98
73) Di-n-butylphthalate	11.94	149	576104	45.556	ng		99
74) Fluoranthene	12.60	202	416740	34.064	ng		95
76) Benzidine	12.72	184	173446	31.159	ng		98
77) Pyrene	12.83	202	410883	41.469	ng		99
79) Butylbenzylphthalate	13.44	149	166529	41.213	ng		92
80) Benzo(a)anthracene	14.02	228	357660	42.730	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	133025	44.357	ng	#	99
82) Chrysene	14.05	228	335297	41.367	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	216017	40.647	ng		99
84) Di-n-octyl phthalate	14.60	149	370675	40.600	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	348570	53.167	ng		94
87) Benzo(b)fluoranthene	15.07	252	375857	39.784	ng		96
88) Benzo(k)fluoranthene	15.10	252	367967	41.222	ng	#	97
89) Benzo(a)pyrene	15.43	252	349664	41.748	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	295419	43.130	ng		97
91) Benzo(g,h,i)perylene	17.43	276	271475	40.489	ng	#	92

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

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