Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099259.D
Acq On : 9 Oct 2017 13:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/10/2017 5:10:33 PM

Quant Time: Oct 09 17:20:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	180169	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	760340	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	349793	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	623501	20.00	ng		0.00
75) Chrysene-d12	14.04	240	430414	20.00	ng		0.00
86) Perylene-d12	15.51	264	331237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	861695	76.14	ng		0.00
7) Phenol-d6	6.51	99	1099039	78.72	ng		0.01
23) Nitrobenzene-d5	7.44	82	929016	78.36	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	229827	80.30	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1541376	73.56	ng		0.00
78) Terphenyl-d14	12.98	244	1453981	76.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	195987	36.251	ng		95
3) Pyridine	3.42	79	551474	37.707	ng		97
4) n-Nitrosodimethylamine	3.39	42	214958	34.660	ng	#	79
6) Aniline	6.54	93	734552	38.981	ng		98
8) 2-Chlorophenol	6.66	128	501222	39.106	ng		97
9) Benzaldehyde	6.42	77	279974	34.569	ng		96
10) Phenol	6.52	94	632742	40.522	ng		92
11) bis(2-Chloroethyl)ether	6.61	93	472591	38.932	ng		96
12) 1,3-Dichlorobenzene	6.81	146	520408	38.770	ng		98
13) 1,4-Dichlorobenzene	6.89	146	529838	38.796	ng		98
14) 1,2-Dichlorobenzene	7.04	146	483395	38.307	ng		98
15) Benzyl Alcohol	7.02	79	360652	35.211	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	642651	33.980	ng		94
17) 2-Methylphenol	7.13	107	413495	39.429	ng		99
18) Hexachloroethane	7.37	117	183479	37.377	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	310318	34.812	ng		92
20) 3+4-Methylphenols	7.28	107	464671	35.024	ng	#	80
22) Acetophenone	7.29	105	642941	34.901	ng		99
24) Nitrobenzene	7.46	77	514959	38.289	ng		97
25) Isophorone	7.70	82	946952	38.631	ng		98
26) 2-Nitrophenol	7.77	139	294285	45.502	ng		92
27) 2,4-Dimethylphenol	7.80	122	443665	36.325	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	577438	37.800	ng		100
29) 2,4-Dichlorophenol	8.01	162	421965	40.239	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	417635	39.819	ng		99
31) Naphthalene	8.17	128	1348343	37.758	ng		99
32) Benzoic acid	7.96	122	334127m	33.303	ng		
33) 4-Chloroaniline	8.23	127	601754	40.352	ng		95
34) Hexachlorobutadiene	8.29	225	207021	38.322	ng		97
35) Caprolactam	8.63	113	155476m	46.220	ng		
36) 4-Chloro-3-methylphenol	8.71	107	465155	39.464	ng		97
37) 2-Methylnaphthalene	8.86	142	888027	38.253	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	400879	38.429	ng		99
40) Hexachlorocyclopentadiene	9.01	237	243444	51.065	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	283299	38.334	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	290004	39.310	ng		96
45) 1,1'-Biphenyl	9.33	154	1133404	37.701	ng		100
46) 2-Chloronaphthalene	9.36	162	871331	38.603	ng		97
47) 2-Nitroaniline	9.46	65	268083	38.788	ng		91
48) Acenaphthylene	9.77	152	1298740	37.586	ng		99
49) Dimethylphthalate	9.63	163	1057866	40.070	ng		99
50) 2,6-Dinitrotoluene	9.70	165	239689	41.703	ng		90
51) Acenaphthene	9.95	154	770359	35.196	ng		99
52) 3-Nitroaniline	9.87	138	289861	43.252	ng		88
53) 2,4-Dinitrophenol	9.98	184	106039	38.683	ng	#	83
54) Dibenzofuran	10.12	168	1059658	36.361	ng		100
55) 4-Nitrophenol	10.03	139	191121	33.727	ng		87
56) 2,4-Dinitrotoluene	10.10	165	300162	40.240	ng	#	93
57) Fluorene	10.46	166	888123	37.915	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	196937	38.644	ng		96
59) Diethylphthalate	10.33	149	949636	36.812	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	389855	37.051	ng		98
61) 4-Nitroaniline	10.49	138	295127	45.646	ng		89
62) Azobenzene	10.61	77	827289	34.878	ng		91
64) 4,6-Dinitro-2-methylphenol	10.52	198	172885	45.574	ng		85
65) n-Nitrosodiphenylamine	10.57	169	826043	38.243	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	235991	38.668	ng	#	89
67) Hexachlorobenzene	11.00	284	256677	39.378	ng		98
68) Atrazine	11.10	200	251301	38.669	ng		99
69) Pentachlorophenol	11.20	266	154261	38.026	ng		99
70) Phenanthrene	11.42	178	1261009	37.784	ng		99
71) Anthracene	11.47	178	1280473	37.497	ng		100
72) Carbazole	11.63	167	1281255	38.315	ng		99
73) Di-n-butylphthalate	11.94	149	1461039	36.298	ng		99
74) Fluoranthene	12.61	202	1276129	37.761	ng		99
76) Benzidine	12.73	184	651798	40.943	ng		98
77) Pyrene	12.84	202	1322744	40.302	ng		100
79) Butylbenzylphthalate	13.44	149	612281	39.694	ng		94
80) Benzo(a)anthracene	14.03	228	1047430	40.189	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	362386	37.929	ng		99
82) Chrysene	14.07	228	962149	38.776	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	763421	35.944	ng		100
84) Di-n-octyl phthalate	14.61	149	1231878	36.020	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.01	276	770559	38.822	ng		97
87) Benzo(b)fluoranthene	15.08	252	821560	40.340	ng		98
88) Benzo(k)fluoranthene	15.11	252	790015	39.274	ng		99
89) Benzo(a)pyrene	15.45	252	748738	40.052	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	613624	41.015	ng		99
91) Benzo(g,h,i)perylene	17.46	276	662917	44.826	ng		95

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

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