Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099174.D
Acq On : 7 Oct 2017 4:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/9/2017 6:32:51 PM

Quant Time: Oct 07 05:17:23 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	206349	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	851226	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	375715	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	616637	20.00	ng		0.00
75) Chrysene-d12	14.03	240	329786	20.00	ng		0.00
86) Perylene-d12	15.50	264	364751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	989644	76.35	ng		0.00
7) Phenol-d6	6.51	99	1228909	76.85	ng		0.01
23) Nitrobenzene-d5	7.44	82	1031672	77.72	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	234974	76.43	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1691592	75.16	ng		0.00
78) Terphenyl-d14	12.97	244	1300503	89.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	235907	38.10	ng		95
3) Pyridine	3.40	79	644940	38.50	ng		95
4) n-Nitrosodimethylamine	3.38	42	261486	36.81	ng		85
6) Aniline	6.54	93	820194	38.00	ng		99
8) 2-Chlorophenol	6.66	128	566534	38.59	ng		96
9) Benzaldehyde	6.42	77	318483	34.34	ng		95
10) Phenol	6.52	94	699880	39.14	ng		92
11) bis(2-Chloroethyl)ether	6.61	93	538821	38.76	ng		97
12) 1,3-Dichlorobenzene	6.81	146	598607	38.94	ng		98
13) 1,4-Dichlorobenzene	6.89	146	601887	38.48	ng		98
14) 1,2-Dichlorobenzene	7.04	146	539728	37.34	ng		99
15) Benzyl Alcohol	7.02	79	404383	34.47	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	772466	35.66	ng		96
17) 2-Methylphenol	7.12	107	462781	38.53	ng		99
18) Hexachloroethane	7.37	117	217424	38.67	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	358874	35.15	ng		94
20) 3+4-Methylphenols	7.28	107	503625	33.14	ng	#	76
22) Acetophenone	7.29	105	717203	34.78	ng		97
24) Nitrobenzene	7.46	77	572842	38.04	ng		97
25) Isophorone	7.70	82	1074531	39.16	ng		98
26) 2-Nitrophenol	7.77	139	323838	44.73	ng		91
27) 2,4-Dimethylphenol	7.80	122	525102	38.40	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	669622	39.15	ng		99
29) 2,4-Dichlorophenol	8.01	162	467022	39.78	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	463973	39.51	ng		100
31) Naphthalene	8.17	128	1486896	37.19	ng		100
32) Benzoic acid	7.96	122	368120	32.77	ng		95
33) 4-Chloroaniline	8.22	127	649336	38.89	ng		98
34) Hexachlorobutadiene	8.29	225	235960	39.02	ng		99
35) Caprolactam	8.63	113	145111	38.53	ng	#	80
36) 4-Chloro-3-methylphenol	8.70	107	497358	37.69	ng		96
37) 2-Methylnaphthalene	8.86	142	970375	37.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	448049	39.99	ng		98
40) Hexachlorocyclopentadiene	9.01	237	172859	33.76	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	309299	38.96	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	314261	39.66	ng		99
45) 1,1'-Biphenyl	9.33	154	1225385	37.95	ng		99
46) 2-Chloronaphthalene	9.36	162	942043	38.86	ng		97
47) 2-Nitroaniline	9.45	65	283807	38.23	ng		94
48) Acenaphthylene	9.77	152	1397651	37.66	ng		99
49) Dimethylphthalate	9.63	163	1150892	40.59	ng		100
50) 2,6-Dinitrotoluene	9.70	165	254240	41.18	ng	#	85
51) Acenaphthene	9.95	154	825908	35.13	ng		99
52) 3-Nitroaniline	9.87	138	281764	39.14	ng		95
53) 2,4-Dinitrophenol	9.97	184	70867	26.27	ng		99
54) Dibenzofuran	10.12	168	1160414	37.07	ng		99
55) 4-Nitrophenol	10.03	139	182680	30.01	ng		85
56) 2,4-Dinitrotoluene	10.10	165	315880	39.43	ng		95
57) Fluorene	10.46	166	914055	36.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	205173	37.48	ng		97
59) Diethylphthalate	10.33	149	1040425	37.55	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	416877	36.89	ng		96
61) 4-Nitroaniline	10.49	138	266171	38.33	ng		89
62) Azobenzene	10.60	77	909687	35.71	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	134868	35.95	ng		86
65) n-Nitrosodiphenylamine	10.57	169	846536	39.63	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	254892	42.23	ng		95
67) Hexachlorobenzene	11.00	284	263780	40.92	ng		94
68) Atrazine	11.09	200	260602	40.55	ng		98
69) Pentachlorophenol	11.19	266	124133	30.94	ng		97
70) Phenanthrene	11.42	178	1246556	37.77	ng		100
71) Anthracene	11.47	178	1275118	37.76	ng		100
72) Carbazole	11.62	167	1181380	35.72	ng		100
73) Di-n-butylphthalate	11.95	149	1533966	38.53	ng		99
74) Fluoranthene	12.60	202	1119762	33.50	ng		99
76) Benzidine	12.72	184	399212	32.73	ng		99
77) Pyrene	12.83	202	1118920	44.49	ng		99
79) Butylbenzylphthalate	13.44	149	528994	44.76	ng		98
80) Benzo(a)anthracene	14.02	228	800067	40.06	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	283720	38.76	ng		98
82) Chrysene	14.06	228	750240	39.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	702399	43.16	ng	#	99
84) Di-n-octyl phthalate	14.60	149	1106953	42.24	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	1003248	65.97	ng		97
87) Benzo(b)fluoranthene	15.07	252	826770m	36.87	ng		
88) Benzo(k)fluoranthene	15.10	252	757128	34.18	ng		98
89) Benzo(a)pyrene	15.44	252	797990	38.76	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	783574m	47.56	ng		
91) Benzo(g,h,i)perylene	17.45	276	866039	53.18	ng		96

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

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