Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098899.D
Acq On : 28 Sep 2017 10:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/29/2017 6:03:47 PM

Quant Time: Sep 29 00:52:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156505	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	664548	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	295853	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	520819	20.00	ng		0.00
75) Chrysene-d12	14.09	240	372543	20.00	ng		0.00
86) Perylene-d12	15.57	264	306401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	786102	79.96	ng		0.00
7) Phenol-d6	6.55	99	975912	80.47	ng		0.00
23) Nitrobenzene-d5	7.49	82	837363	80.81	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	195080	80.58	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1398567	78.92	ng		0.00
78) Terphenyl-d14	13.03	244	1303414	79.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	186151	39.638	ng		99
3) Pyridine	3.50	79	499862	39.346	ng		99
4) n-Nitrosodimethylamine	3.46	42	218932	40.638	ng		98
6) Aniline	6.59	93	646968	39.525	ng		98
8) 2-Chlorophenol	6.70	128	440956	39.606	ng		97
9) Benzaldehyde	6.47	77	261242	37.134	ng		99
10) Phenol	6.56	94	536793	39.576	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	421498	39.973	ng		98
12) 1,3-Dichlorobenzene	6.86	146	462228	39.642	ng		97
13) 1,4-Dichlorobenzene	6.93	146	463321	39.055	ng		99
14) 1,2-Dichlorobenzene	7.09	146	432999	39.501	ng		98
15) Benzyl Alcohol	7.06	79	349952	39.333	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	641362	39.039	ng		98
17) 2-Methylphenol	7.16	107	363074	39.855	ng		98
18) Hexachloroethane	7.43	117	169655	39.787	ng		93
19) n-Nitroso-di-n-propylamine	7.33	70	288747	37.290	ng		96
20) 3+4-Methylphenols	7.32	107	447413	38.823	ng		96
22) Acetophenone	7.33	105	600857	37.318	ng	#	98
24) Nitrobenzene	7.50	77	463702	39.447	ng		97
25) Isophorone	7.74	82	825583	38.535	ng		99
26) 2-Nitrophenol	7.82	139	242809	42.955	ng		95
27) 2,4-Dimethylphenol	7.85	122	402685	37.722	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	513888	38.489	ng		100
29) 2,4-Dichlorophenol	8.06	162	357738	39.031	ng		97
30) 1,2,4-Trichlorobenzene	8.14	180	356757	38.918	ng		99
31) Naphthalene	8.22	128	1188745	38.087	ng		99
32) Benzoic acid	7.98	122	348134	39.701	ng		98
33) 4-Chloroaniline	8.27	127	506485	38.859	ng		98
34) Hexachlorobutadiene	8.33	225	185720	39.334	ng		98
35) Caprolactam	8.65	113	114851m	39.065	ng		
36) 4-Chloro-3-methylphenol	8.75	107	397928	38.627	ng		97
37) 2-Methylnaphthalene	8.92	142	773550	38.125	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	348911	39.545	ng		100
40) Hexachlorocyclopentadiene	9.06	237	149780	37.146	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	246033	39.361	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	252373	40.446	ng		98
45) 1,1'-Biphenyl	9.38	154	996632	39.196	ng		98
46) 2-Chloronaphthalene	9.40	162	746034	39.078	ng		99
47) 2-Nitroaniline	9.50	65	241993	41.397	ng		99
48) Acenaphthylene	9.82	152	1139793	39.001	ng		99
49) Dimethylphthalate	9.67	163	880431	39.429	ng		99
50) 2,6-Dinitrotoluene	9.74	165	198154	40.762	ng		99
51) Acenaphthene	9.99	154	732959	39.592	ng		99
52) 3-Nitroaniline	9.91	138	231996	40.929	ng		98
53) 2,4-Dinitrophenol	10.02	184	94352	40.392	ng		94
54) Dibenzofuran	10.16	168	963954	39.107	ng		97
55) 4-Nitrophenol	10.06	139	193827	40.441	ng		93
56) 2,4-Dinitrotoluene	10.15	165	265052	42.012	ng		91
57) Fluorene	10.50	166	772025	38.968	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	170092	39.462	ng		97
59) Diethylphthalate	10.37	149	840700	38.531	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	347576	39.056	ng		99
61) 4-Nitroaniline	10.53	138	225807	41.292	ng		93
62) Azobenzene	10.66	77	781331	38.946	ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	133396	42.097	ng		97
65) n-Nitrosodiphenylamine	10.62	169	701473	38.878	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	198422	38.922	ng		98
67) Hexachlorobenzene	11.06	284	212063	38.948	ng		94
68) Atrazine	11.14	200	204346	37.643	ng		99
69) Pentachlorophenol	11.24	266	131074	38.680	ng		97
70) Phenanthrene	11.47	178	1072779	38.481	ng		99
71) Anthracene	11.52	178	1098378	38.506	ng		100
72) Carbazole	11.67	167	1074895	38.481	ng		99
73) Di-n-butylphthalate	12.00	149	1316998	39.170	ng		100
74) Fluoranthene	12.66	202	1084651	38.422	ng		99
76) Benzidine	12.77	184	513137	37.240	ng		99
77) Pyrene	12.89	202	1116901	39.317	ng		100
79) Butylbenzylphthalate	13.50	149	554285	41.516	ng		97
80) Benzo(a)anthracene	14.07	228	887620	39.348	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	322533	39.002	ng		97
82) Chrysene	14.12	228	835199	38.889	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	772495	42.021	ng	#	99
84) Di-n-octyl phthalate	14.67	149	1282621	43.329	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	666896	38.818	ng		97
87) Benzo(b)fluoranthene	15.14	252	741468	39.359	ng		99
88) Benzo(k)fluoranthene	15.17	252	735104	39.507	ng		99
89) Benzo(a)pyrene	15.52	252	670846	38.794	ng	#	97
90) Dibenzo(a,h)anthracene	17.11	278	546513	39.490	ng		97
91) Benzo(g,h,i)perylene	17.56	276	534644	39.083	ng		98

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

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