Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099304.D
Acq On : 10 Oct 2017 17:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/11/2017 7:23:44 PM

Quant Time: Oct 10 18:48:25 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	6.86	152	102473	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	428295	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	196701	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	352371	20.00	ng		0.00
75) Chrysene-d12	14.03	240	250880	20.00	ng		0.00
86) Perylene-d12	15.50	264	193773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	544958	84.66	ng		0.00
7) Phenol-d6	6.50	99	658491	82.92	ng		0.00
23) Nitrobenzene-d5	7.43	82	537970	80.55	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	144519	89.79	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1013485	86.02	ng		0.00
78) Terphenyl-d14	12.97	244	968289	87.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	120107	39.060	ng		93
3) Pyridine	3.43	79	327252	39.341	ng		90
4) n-Nitrosodimethylamine	3.39	42	118723	33.657	ng		81
6) Aniline	6.53	93	427852	39.921	ng		97
8) 2-Chlorophenol	6.65	128	308118	42.267	ng		95
9) Benzaldehyde	6.42	77	163211	35.432	ng		89
10) Phenol	6.52	94	388171	43.708	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	274063	39.695	ng		95
12) 1,3-Dichlorobenzene	6.80	146	326787	42.804	ng		97
13) 1,4-Dichlorobenzene	6.88	146	327975	42.224	ng		99
14) 1,2-Dichlorobenzene	7.04	146	306985	42.772	ng		97
15) Benzyl Alcohol	7.01	79	221060	37.947	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	382733	35.581	ng		94
17) 2-Methylphenol	7.12	107	241888	40.553	ng		98
18) Hexachloroethane	7.37	117	113068	40.497	ng		100
19) n-Nitroso-di-n-propylamine	7.28	70	182247	35.946	ng		94
20) 3+4-Methylphenols	7.27	107	294502	39.029	ng	#	72
22) Acetophenone	7.28	105	398126	38.367	ng	#	95
24) Nitrobenzene	7.45	77	295139	38.957	ng		96
25) Isophorone	7.69	82	525792	38.079	ng		98
26) 2-Nitrophenol	7.76	139	168963	46.379	ng		92
27) 2,4-Dimethylphenol	7.80	122	257625	37.445	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	340114	39.526	ng		99
29) 2,4-Dichlorophenol	8.00	162	251785	42.625	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	249349	42.206	ng		99
31) Naphthalene	8.17	128	833891	41.455	ng		99
32) Benzoic acid	7.93	122	166325m	29.431	ng		
33) 4-Chloroaniline	8.22	127	348163	41.447	ng		95
34) Hexachlorobutadiene	8.28	225	129134	42.436	ng		97
35) Caprolactam	8.60	113	77249	40.769	ng		88
36) 4-Chloro-3-methylphenol	8.70	107	268607	40.456	ng		96
37) 2-Methylnaphthalene	8.86	142	546139	41.764	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	254927	43.457	ng		99
40) Hexachlorocyclopentadiene	9.01	237	119480	44.568	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	169928	40.890	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	173659	41.860	ng		95
45) 1,1'-Biphenyl	9.32	154	710311	42.017	ng		99
46) 2-Chloronaphthalene	9.35	162	528974	41.675	ng		98
47) 2-Nitroaniline	9.45	65	150540	38.734	ng		89
48) Acenaphthylene	9.77	152	806617	41.513	ng		99
49) Dimethylphthalate	9.63	163	619036	41.697	ng		99
50) 2,6-Dinitrotoluene	9.69	165	141653	43.828	ng	#	84
51) Acenaphthene	9.94	154	472666	38.402	ng		99
52) 3-Nitroaniline	9.86	138	161082	42.743	ng		93
53) 2,4-Dinitrophenol	9.97	184	48939	32.793	ng	#	81
54) Dibenzofuran	10.11	168	672230	41.019	ng		99
55) 4-Nitrophenol	10.02	139	109364	34.320	ng		87
56) 2,4-Dinitrotoluene	10.10	165	182322	43.466	ng		88
57) Fluorene	10.45	166	553400	42.013	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	115978	40.470	ng		97
59) Diethylphthalate	10.32	149	585073	40.332	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	252441	42.664	ng		98
61) 4-Nitroaniline	10.48	138	164066	45.125	ng		85
62) Azobenzene	10.60	77	491776	36.869	ng		91
64) 4,6-Dinitro-2-methylphenol	10.51	198	90758	42.333	ng	#	75
65) n-Nitrosodiphenylamine	10.56	169	503331	41.232	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	145401	42.156	ng	#	88
67) Hexachlorobenzene	11.00	284	158813	43.111	ng		97
68) Atrazine	11.09	200	156272	42.549	ng		99
69) Pentachlorophenol	11.20	266	89301	38.951	ng		100
70) Phenanthrene	11.42	178	781548	41.436	ng		98
71) Anthracene	11.47	178	796573	41.276	ng		99
72) Carbazole	11.62	167	781983	41.377	ng		100
73) Di-n-butylphthalate	11.94	149	915268	40.235	ng		99
74) Fluoranthene	12.60	202	800747	41.925	ng		99
76) Benzidine	12.72	184	381808	41.147	ng		99
77) Pyrene	12.83	202	817932	42.755	ng		100
79) Butylbenzylphthalate	13.44	149	383213	42.622	ng		95
80) Benzo(a)anthracene	14.02	228	635467	41.831	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	229021	41.124	ng		99
82) Chrysene	14.06	228	607498	42.004	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	499543	40.351	ng	#	98
84) Di-n-octyl phthalate	14.60	149	789448	39.602	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	460039	39.763	ng		97
87) Benzo(b)fluoranthene	15.07	252	495553	41.594	ng		98
88) Benzo(k)fluoranthene	15.10	252	510733	43.402	ng		100
89) Benzo(a)pyrene	15.44	252	464801	42.501	ng	#	97
90) Dibenzo(a,h)anthracene	17.01	278	376722	43.043	ng		97
91) Benzo(g,h,i)perylene	17.45	276	385183	44.523	ng		95

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

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