Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099211.D
Acq On : 8 Oct 2017 00:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/9/2017 6:35:01 PM

Quant Time: Oct 08 05:16:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	108583	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	415572	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	156234	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	238709	20.00	ng		0.00
75) Chrysene-d12	14.03	240	193981	20.00	ng		0.00
86) Perylene-d12	15.51	264	157616	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	565148	82.85	ng		0.00
7) Phenol-d6	6.50	99	668414	79.44	ng		0.00
23) Nitrobenzene-d5	7.43	82	524926	81.01	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	93615	73.23	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	884180	94.48	ng		0.00
78) Terphenyl-d14	12.97	244	680080	79.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	129428	39.723	ng		94
3) Pyridine	3.40	79	339698	38.539	ng		96
4) n-Nitrosodimethylamine	3.36	42	131383	35.151	ng		80
6) Aniline	6.53	93	435526	38.350	ng		97
8) 2-Chlorophenol	6.66	128	307536	39.813	ng		94
9) Benzaldehyde	6.42	77	175236	35.902	ng		93
10) Phenol	6.52	94	390849	41.533	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	289060	39.512	ng		98
12) 1,3-Dichlorobenzene	6.81	146	327688	40.507	ng		97
13) 1,4-Dichlorobenzene	6.89	146	334311	40.618	ng		97
14) 1,2-Dichlorobenzene	7.04	146	305188	40.129	ng		97
15) Benzyl Alcohol	7.01	79	214511	34.751	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	407675	35.767	ng		96
17) 2-Methylphenol	7.12	107	240670	38.079	ng		96
18) Hexachloroethane	7.37	117	81972	27.708	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	185205	34.474	ng		95
20) 3+4-Methylphenols	7.27	107	288265	36.052	ng	#	73
22) Acetophenone	7.28	105	390526	38.787	ng	#	96
24) Nitrobenzene	7.45	77	289458	39.377	ng		98
25) Isophorone	7.69	82	509585	38.035	ng		100
26) 2-Nitrophenol	7.77	139	117032	33.108	ng	#	86
27) 2,4-Dimethylphenol	7.80	122	251274	37.640	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	337503	40.423	ng		99
29) 2,4-Dichlorophenol	8.01	162	225782	39.393	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	233082	40.660	ng		98
31) Naphthalene	8.17	128	775260	39.721	ng		99
32) Benzoic acid	7.91	122	130785m	23.850	ng		
33) 4-Chloroaniline	8.22	127	317626	38.969	ng		97
34) Hexachlorobutadiene	8.29	225	120710	40.882	ng		99
35) Caprolactam	8.59	113	66446	36.141	ng		88
36) 4-Chloro-3-methylphenol	8.70	107	229301	35.594	ng		98
37) 2-Methylnaphthalene	8.86	142	475909	37.508	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	214209	45.974	ng		98
42) 2,4,6-Trichlorophenol	9.14	196	136617	41.389	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	132197	40.120	ng		96
45) 1,1'-Biphenyl	9.33	154	591736	44.069	ng		98
46) 2-Chloronaphthalene	9.35	162	435934	43.241	ng		97
47) 2-Nitroaniline	9.45	65	126507	40.981	ng		86
48) Acenaphthylene	9.77	152	629886	40.814	ng		99
49) Dimethylphthalate	9.62	163	515444	43.713	ng		99
50) 2,6-Dinitrotoluene	9.69	165	92891	36.185	ng		98
51) Acenaphthene	9.94	154	368170	37.660	ng		98
52) 3-Nitroaniline	9.86	138	132620	44.306	ng		88
53) 2,4-Dinitrophenol	9.97	184	1801	7.077	ng	#	89
54) Dibenzofuran	10.11	168	520010	39.950	ng		99
55) 4-Nitrophenol	10.02	139	70177	27.727	ng		83
56) 2,4-Dinitrotoluene	10.09	165	104790	31.453	ng		93
57) Fluorene	10.45	166	410331	39.220	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	81293	35.714	ng		98
59) Diethylphthalate	10.32	149	470405	40.826	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	187913	39.985	ng		93
61) 4-Nitroaniline	10.47	138	126099	43.666	ng		86
62) Azobenzene	10.60	77	361624	34.134	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	5974	4.113	ng		93
65) n-Nitrosodiphenylamine	10.56	169	369833	44.722	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	99056	42.394	ng		94
67) Hexachlorobenzene	11.00	284	103347	41.412	ng		93
68) Atrazine	11.09	200	96194	38.662	ng		98
69) Pentachlorophenol	11.20	266	90324	58.156	ng		100
70) Phenanthrene	11.42	178	529020	41.403	ng		98
71) Anthracene	11.47	178	536496	41.036	ng		98
72) Carbazole	11.62	167	529191	41.334	ng		99
73) Di-n-butylphthalate	11.94	149	641334	41.617	ng		98
74) Fluoranthene	12.60	202	538630	41.630	ng		99
76) Benzidine	12.73	184	293825	40.953	ng		98
77) Pyrene	12.84	202	568049	38.403	ng		98
79) Butylbenzylphthalate	13.44	149	270418	38.899	ng		91
80) Benzo(a)anthracene	14.02	228	468575	39.892	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	192900	44.798	ng		98
82) Chrysene	14.06	228	453498	40.553	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	390058	40.749	ng	#	100
84) Di-n-octyl phthalate	14.61	149	680239	44.133	ng		96
85) Indeno(1,2,3-cd)pyrene	17.00	276	342782	38.319	ng		95
87) Benzo(b)fluoranthene	15.07	252	405718	41.866	ng	#	95
88) Benzo(k)fluoranthene	15.10	252	381743	39.882	ng		98
89) Benzo(a)pyrene	15.44	252	361209	40.606	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	286958	40.309	ng		96
91) Benzo(g,h,i)perylene	17.45	276	270450	38.432	ng		94

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

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