Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101761.D
Acq On : 27 Dec 2017 14:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2017 2:02:53 PM

Quant Time: Dec 28 04:19:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124299	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	500103	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	234491	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	459565	20.00	ng		0.00
75) Chrysene-d12	13.97	240	376316	20.00	ng		0.00
86) Perylene-d12	15.44	264	366795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	681102	81.62	ng		0.00
7) Phenol-d6	6.44	99	764664	73.63	ng		0.00
23) Nitrobenzene-d5	7.36	82	691837	77.01	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	196124	86.80	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1189579	78.69	ng		0.00
78) Terphenyl-d14	12.90	244	1183651	75.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	149880	34.956	ng		95
3) Pyridine	3.25	79	392342	32.934	ng		96
4) n-Nitrosodimethylamine	3.21	42	181253m	33.045	ng		
6) Aniline	6.46	93	523514	36.275	ng	#	80
8) 2-Chlorophenol	6.58	128	341508	38.905	ng		99
9) Benzaldehyde	6.35	77	254478	33.180	ng		98
10) Phenol	6.45	94	436923	36.913	ng	#	73
11) bis(2-Chloroethyl)ether	6.53	93	346166	37.284	ng		96
12) 1,3-Dichlorobenzene	6.73	146	384935	38.855	ng		98
13) 1,4-Dichlorobenzene	6.80	146	401306	39.667	ng		99
14) 1,2-Dichlorobenzene	6.96	146	358033	39.317	ng		99
15) Benzyl Alcohol	6.95	79	268544	37.569	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	524564	36.916	ng		52
17) 2-Methylphenol	7.06	107	293266	36.320	ng	#	91
18) Hexachloroethane	7.29	117	133179	37.863	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	254521	37.319	ng		94
20) 3+4-Methylphenols	7.22	107	370480	43.299	ng	#	69
22) Acetophenone	7.21	105	460814	40.383	ng	#	92
24) Nitrobenzene	7.38	77	372805	37.494	ng		99
25) Isophorone	7.62	82	654968	36.342	ng		98
26) 2-Nitrophenol	7.70	139	192705	45.112	ng		99
27) 2,4-Dimethylphenol	7.73	122	285459	39.335	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	435323	38.025	ng		99
29) 2,4-Dichlorophenol	7.95	162	297684	41.520	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	296917	39.243	ng		96
31) Naphthalene	8.09	128	975829	38.759	ng		100
32) Benzoic acid	7.90	122	199166	41.936	ng		99
33) 4-Chloroaniline	8.15	127	417642	38.166	ng		97
34) Hexachlorobutadiene	8.20	225	180348	41.213	ng		98
35) Caprolactam	8.54	113	94720	38.047	ng	#	89
36) 4-Chloro-3-methylphenol	8.65	107	313879	39.831	ng		97
37) 2-Methylnaphthalene	8.79	142	636771	38.820	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	313211	39.562	ng		97
40) Hexachlorocyclopentadiene	8.93	237	36122	36.242	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	187258	39.288	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	188743	36.166	ng		98
45) 1,1'-Biphenyl	9.25	154	794895	38.224	ng		100
46) 2-Chloronaphthalene	9.28	162	603104	37.902	ng		96
47) 2-Nitroaniline	9.39	65	215329	39.173	ng		90
48) Acenaphthylene	9.69	152	947834	37.713	ng		100
49) Dimethylphthalate	9.55	163	696155	36.909	ng		99
50) 2,6-Dinitrotoluene	9.63	165	150744	39.323	ng	#	84
51) Acenaphthene	9.86	154	578113	38.286	ng		99
52) 3-Nitroaniline	9.80	138	194522	40.700	ng		99
53) 2,4-Dinitrophenol	9.95	184	59382m	49.058	ng		
54) Dibenzofuran	10.03	168	813076	42.372	ng		97
55) 4-Nitrophenol	10.00	139	70530	33.843	ng		93
56) 2,4-Dinitrotoluene	10.05	165	208353	48.240	ng	#	98
57) Fluorene	10.38	166	670236	41.289	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	166027	44.280	ng	#	80
59) Diethylphthalate	10.25	149	729036	39.031	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	329293	42.326	ng		95
61) 4-Nitroaniline	10.43	138	190351	39.623	ng		95
62) Azobenzene	10.53	77	704095	36.389	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	108087	46.089	ng		91
65) n-Nitrosodiphenylamine	10.49	169	634497	37.391	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	205028	39.705	ng	#	86
67) Hexachlorobenzene	10.93	284	213297	39.028	ng	#	87
68) Atrazine	11.02	200	195804	38.698	ng		98
69) Pentachlorophenol	11.15	266	61267m	33.022	ng		
70) Phenanthrene	11.35	178	969617	37.939	ng		99
71) Anthracene	11.40	178	1003625	38.444	ng		100
72) Carbazole	11.56	167	948785	38.818	ng		99
73) Di-n-butylphthalate	11.87	149	1181647	39.832	ng		99
74) Fluoranthene	12.54	202	1046582	39.014	ng		99
76) Benzidine	12.66	184	735500	46.276	ng		99
77) Pyrene	12.77	202	1081681	38.300	ng		100
79) Butylbenzylphthalate	13.37	149	509449	39.866	ng		98
80) Benzo(a)anthracene	13.96	228	930011	37.427	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	313442	38.685	ng	#	98
82) Chrysene	14.00	228	901639	38.430	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	617425	38.145	ng		98
84) Di-n-octyl phthalate	14.53	149	1126733	39.033	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	764129	36.574	ng		97
87) Benzo(b)fluoranthene	15.02	252	813325	36.379	ng		98
88) Benzo(k)fluoranthene	15.04	252	827443m	38.066	ng		
89) Benzo(a)pyrene	15.38	252	762041	36.974	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	646511	36.536	ng		99
91) Benzo(g,h,i)perylene	17.37	276	640801	36.571	ng		97

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

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