Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102292.D
Acq On : 22 Jan 2018 11:55
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
1/23/2018 12:46:27 PM

Quant Time: Jan 22 12:56:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 22 12:26:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129560	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	533166	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	234548	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	408643	20.00	ng		0.00
75) Chrysene-d12	13.87	240	304845	20.00	ng		0.00
86) Perylene-d12	15.29	264	267689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	842328	91.81	ng		0.00
7) Phenol-d6	6.36	99	997985	91.17	ng		0.00
23) Nitrobenzene-d5	7.29	82	911104	100.42	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	227027	110.91	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1564608	104.21	ng		0.00
78) Terphenyl-d14	12.82	244	1300574	88.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	203408	44.424	ng		98
3) Pyridine	3.07	79	542991	43.424	ng		95
4) n-Nitrosodimethylamine	3.04	42	216793	41.402	ng	#	95
6) Aniline	6.39	93	665903	43.164	ng		97
8) 2-Chlorophenol	6.50	128	442356	48.072	ng		97
9) Benzaldehyde	6.27	77	264377	34.782	ng		96
10) Phenol	6.37	94	544049	43.977	ng	#	72
11) bis(2-Chloroethyl)ether	6.46	93	420606	44.668	ng		99
12) 1,3-Dichlorobenzene	6.66	146	521136	49.128	ng		99
13) 1,4-Dichlorobenzene	6.73	146	520769	49.199	ng		99
14) 1,2-Dichlorobenzene	6.89	146	471867	48.164	ng		99
15) Benzyl Alcohol	6.87	79	344786	43.058	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	696195	40.108	ng		98
17) 2-Methylphenol	6.98	107	382176	46.039	ng		97
18) Hexachloroethane	7.23	117	183704	49.285	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	300241	41.852	ng		97
20) 3+4-Methylphenols	7.14	107	442550	44.401	ng	#	74
22) Acetophenone	7.13	105	601517	46.824	ng	#	91
24) Nitrobenzene	7.31	77	466804	47.880	ng		94
25) Isophorone	7.55	82	807054	45.018	ng		100
26) 2-Nitrophenol	7.62	139	251940	61.741	ng		93
27) 2,4-Dimethylphenol	7.66	122	356367	46.762	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	495247	45.752	ng		99
29) 2,4-Dichlorophenol	7.86	162	361877	50.009	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	385179	50.889	ng		96
31) Naphthalene	8.02	128	1281778	48.112	ng		100
32) Benzoic acid	7.82	122	340234m	58.876	ng		
33) 4-Chloroaniline	8.08	127	536489	47.180	ng		98
34) Hexachlorobutadiene	8.13	225	206538	51.551	ng		98
35) Caprolactam	8.46	113	118658	47.765	ng		98
36) 4-Chloro-3-methylphenol	8.56	107	378582	47.795	ng		99
37) 2-Methylnaphthalene	8.72	142	841711	47.991	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	345838	52.119	ng		100
40) Hexachlorocyclopentadiene	8.86	237	172586	47.559	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	235560	51.515	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	262205	50.735	ng		98
45) 1,1'-Biphenyl	9.18	154	1011875	48.808	ng		99
46) 2-Chloronaphthalene	9.20	162	795294	49.470	ng		98
47) 2-Nitroaniline	9.30	65	253568	52.655	ng		97
48) Acenaphthylene	9.62	152	1225190	48.022	ng		99
49) Dimethylphthalate	9.49	163	932297	49.549	ng		99
50) 2,6-Dinitrotoluene	9.55	165	207573	55.228	ng		89
51) Acenaphthene	9.79	154	709908	45.844	ng		99
52) 3-Nitroaniline	9.72	138	245117	51.676	ng		91
53) 2,4-Dinitrophenol	9.83	184	92864	81.088	ng	#	19
54) Dibenzofuran	9.96	168	991058	46.632	ng		100
55) 4-Nitrophenol	9.89	139	170719	48.295	ng		90
56) 2,4-Dinitrotoluene	9.95	165	251478	53.384	ng	#	95
57) Fluorene	10.30	166	781283	53.178	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	188630	51.267	ng		97
59) Diethylphthalate	10.18	149	893257	47.726	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	339897	54.331	ng		97
61) 4-Nitroaniline	10.33	138	246912	54.849	ng		93
62) Azobenzene	10.46	77	827508	44.438	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	143071	71.205	ng		88
65) n-Nitrosodiphenylamine	10.42	169	720578	47.090	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	214447	49.693	ng		100
67) Hexachlorobenzene	10.84	284	234483	49.772	ng		97
68) Atrazine	10.94	200	207305	46.878	ng		99
69) Pentachlorophenol	11.04	266	134930	46.968	ng		97
70) Phenanthrene	11.26	178	1140480	47.778	ng		99
71) Anthracene	11.32	178	1156469	47.771	ng		100
72) Carbazole	11.47	167	1106845	46.516	ng		100
73) Di-n-butylphthalate	11.80	149	1406316	48.173	ng		99
74) Fluoranthene	12.45	202	1137924	48.453	ng		97
76) Benzidine	12.57	184	465705	31.636	ng	#	95
77) Pyrene	12.68	202	1173608	43.553	ng		99
79) Butylbenzylphthalate	13.30	149	585458	47.343	ng		96
80) Benzo(a)anthracene	13.86	228	897418	46.140	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	323134	44.869	ng		95
82) Chrysene	13.90	228	924106	45.565	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	750266	52.887	ng	#	99
84) Di-n-octyl phthalate	14.47	149	1224640	52.022	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	743494	50.368	ng		98
87) Benzo(b)fluoranthene	14.89	252	857594	49.134	ng		99
88) Benzo(k)fluoranthene	14.92	252	771469	45.818	ng		99
89) Benzo(a)pyrene	15.24	252	764598	48.681	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	612771	48.888	ng		97
91) Benzo(g,h,i)perylene	17.10	276	610525	48.355	ng		99

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

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