Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104304.D
Acq On : 6 Apr 2018 14:13
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:18 AM

Quant Time: Apr 06 16:50:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 13:46:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134096	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	550245	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	253801	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	466029	20.00	ng		0.00
75) Chrysene-d12	13.98	240	332264	20.00	ng		0.00
86) Perylene-d12	15.43	264	279973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1259930	149.84	ng		0.00
7) Phenol-d6	6.44	99	1538308	148.70	ng		0.01
23) Nitrobenzene-d5	7.38	82	1358479	150.98	ng		0.01
41) 2,4,6-Tribromophenol	10.64	330	386330	136.70	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.93	244	2011365	139.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	318645	87.864	ng		91
3) Pyridine	3.26	79	889816	96.920	ng		90
4) n-Nitrosodimethylamine	3.24	42	314014	115.069	ng		86
6) Aniline	6.48	93	1113517	89.913	ng		100
8) 2-Chlorophenol	6.59	128	656939	71.222	ng		98
9) Benzaldehyde	6.36	77	304795	55.512	ng		99
10) Phenol	6.46	94	888675	77.530	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	665745	67.401	ng		98
12) 1,3-Dichlorobenzene	6.75	146	751914	72.520	ng		100
13) 1,4-Dichlorobenzene	6.83	146	744886	67.048	ng		99
14) 1,2-Dichlorobenzene	6.98	146	666132	66.709	ng		98
15) Benzyl Alcohol	6.96	79	567021	84.300	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	897419	83.396	ng		93
17) 2-Methylphenol	7.06	107	598874	79.773	ng		98
18) Hexachloroethane	7.32	117	273782	73.603	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	509513	82.991	ng		93
20) 3+4-Methylphenols	7.22	107	659721	68.857	ng	#	73
22) Acetophenone	7.23	105	911559	68.471	ng	#	98
24) Nitrobenzene	7.40	77	728408	76.943	ng		100
25) Isophorone	7.64	82	1349873	81.408	ng		98
26) 2-Nitrophenol	7.71	139	336726	68.141	ng		96
27) 2,4-Dimethylphenol	7.75	122	590584	82.868	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	793386	76.343	ng		99
29) 2,4-Dichlorophenol	7.95	162	548930	73.742	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	580333	68.710	ng		99
31) Naphthalene	8.12	128	1899901	70.677	ng		99
32) Benzoic acid	7.91	122	576050	110.336	ng		99
33) 4-Chloroaniline	8.16	127	836006	73.768	ng		99
34) Hexachlorobutadiene	8.23	225	319412	69.496	ng		98
35) Caprolactam	8.57	113	196239	83.140	ng		86
36) 4-Chloro-3-methylphenol	8.65	107	598833	76.056	ng		99
37) 2-Methylnaphthalene	8.80	142	1209407	68.301	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	507951	65.265	ng		99
40) Hexachlorocyclopentadiene	8.96	237	323412	100.869	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	374036	75.896	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	420953	70.743	ng		97
45) 1,1'-Biphenyl	9.27	154	1425664	65.448	ng		99
46) 2-Chloronaphthalene	9.30	162	1172843	68.257	ng		99
47) 2-Nitroaniline	9.39	65	374010	76.335	ng		95
48) Acenaphthylene	9.72	152	1790013	68.764	ng		99
49) Dimethylphthalate	9.58	163	1447872	72.255	ng		99
50) 2,6-Dinitrotoluene	9.64	165	316090	73.320	ng		97
51) Acenaphthene	9.89	154	1129726	75.021	ng		100
52) 3-Nitroaniline	9.81	138	370036	74.668	ng		95
53) 2,4-Dinitrophenol	9.90	184	121359	74.441	ng	#	21
54) Dibenzofuran	10.06	168	1523914	69.299	ng		96
55) 4-Nitrophenol	9.96	139	295010	99.281	ng		92
56) 2,4-Dinitrotoluene	10.04	165	404675	73.563	ng		94
57) Fluorene	10.40	166	1109958	61.190	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	304765	68.361	ng		98
59) Diethylphthalate	10.28	149	1396939	72.770	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	491267	58.966	ng		99
61) 4-Nitroaniline	10.43	138	361080	77.868	ng		99
62) Azobenzene	10.55	77	1345274	77.501	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	195709	69.376	ng		88
65) n-Nitrosodiphenylamine	10.52	169	1107781	70.189	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	349321	70.063	ng		96
67) Hexachlorobenzene	10.95	284	395525	68.964	ng	#	87
68) Atrazine	11.04	200	310025	64.118	ng		99
69) Pentachlorophenol	11.13	266	259181	82.124	ng		97
70) Phenanthrene	11.36	178	1724065	68.330	ng		99
71) Anthracene	11.42	178	1740438	66.038	ng		99
72) Carbazole	11.57	167	1727645	68.683	ng		98
73) Di-n-butylphthalate	11.90	149	2098673	70.044	ng		99
74) Fluoranthene	12.55	202	1774972	66.182	ng		98
76) Benzidine	12.67	184	698954m	73.817	ng		
77) Pyrene	12.78	202	1836550	76.891	ng		99
79) Butylbenzylphthalate	13.40	149	899870	79.968	ng		93
80) Benzo(a)anthracene	13.97	228	1388099	66.767	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	504794	73.353	ng		97
82) Chrysene	14.01	228	1466296	72.007	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1044342	71.828	ng		99
84) Di-n-octyl phthalate	14.58	149	1836037	73.411	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1196541	56.704	ng		98
87) Benzo(b)fluoranthene	15.02	252	1393880	81.806	ng		98
88) Benzo(k)fluoranthene	15.04	252	1231531	76.727	ng		100
89) Benzo(a)pyrene	15.37	252	1194801	75.669	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	974609	66.760	ng		98
91) Benzo(g,h,i)perylene	17.32	276	992932	67.905	ng		97

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

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