Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102709.D
Acq On : 3 Feb 2018 10:53
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
2/5/2018 11:05:04 AM

Quant Time: Feb 04 21:58:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 03 11:33:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	193484	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	813552	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	373682	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	645203	20.00	ng		0.00
75) Chrysene-d12	14.04	240	459146	20.00	ng		0.00
86) Perylene-d12	15.51	264	413238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1239784	90.48	ng		0.00
7) Phenol-d6	6.50	99	1473124	90.11	ng		0.00
23) Nitrobenzene-d5	7.45	82	1240368	89.59	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	325973	99.96	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2127698	88.95	ng		0.00
78) Terphenyl-d14	12.99	244	1823424	82.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	318096	46.519	ng	#	85
3) Pyridine	3.43	79	867405	46.450	ng		87
4) n-Nitrosodimethylamine	3.38	42	383158	48.998	ng		91
6) Aniline	6.55	93	1117516	48.506	ng		95
8) 2-Chlorophenol	6.66	128	643578	46.832	ng		94
9) Benzaldehyde	6.43	77	557914	49.151	ng		99
10) Phenol	6.52	94	785652m	42.525	ng		
11) bis(2-Chloroethyl)ether	6.62	93	669561	47.615	ng		90
12) 1,3-Dichlorobenzene	6.82	146	728802	46.006	ng		100
13) 1,4-Dichlorobenzene	6.90	146	729484	46.148	ng		99
14) 1,2-Dichlorobenzene	7.05	146	667240	45.604	ng		99
15) Benzyl Alcohol	7.02	79	587801	49.155	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1284530	49.553	ng		97
17) 2-Methylphenol	7.12	107	594908	47.989	ng		99
18) Hexachloroethane	7.39	117	261454	46.969	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	490514	45.785	ng		93
20) 3+4-Methylphenols	7.28	107	720620	48.413	ng		88
22) Acetophenone	7.29	105	930290	47.459	ng		96
24) Nitrobenzene	7.46	77	709498	47.693	ng		98
25) Isophorone	7.70	82	1330135	48.624	ng		100
26) 2-Nitrophenol	7.77	139	282255	45.331	ng		95
27) 2,4-Dimethylphenol	7.81	122	570858	49.091	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	781448	47.311	ng		100
29) 2,4-Dichlorophenol	8.01	162	533640	48.329	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	572771	49.593	ng		98
31) Naphthalene	8.19	128	1879805	46.242	ng		99
32) Benzoic acid	7.93	122	414435	46.999	ng		98
33) 4-Chloroaniline	8.23	127	835679	48.163	ng		97
34) Hexachlorobutadiene	8.30	225	289472	47.350	ng		99
35) Caprolactam	8.62	113	194960	51.432	ng	#	81
36) 4-Chloro-3-methylphenol	8.70	107	588196	48.665	ng		99
37) 2-Methylnaphthalene	8.87	142	1235638	46.171	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	482843	45.673	ng		99
40) Hexachlorocyclopentadiene	9.03	237	262025	45.321	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	354040	48.598	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	394620	47.926	ng		96
45) 1,1'-Biphenyl	9.34	154	1489278	45.089	ng		99
46) 2-Chloronaphthalene	9.36	162	1189452	46.439	ng		100
47) 2-Nitroaniline	9.46	65	385473	50.242	ng		89
48) Acenaphthylene	9.78	152	1841334	45.300	ng		99
49) Dimethylphthalate	9.64	163	1425264	47.545	ng		99
50) 2,6-Dinitrotoluene	9.70	165	304245	50.809	ng	#	88
51) Acenaphthene	9.96	154	1098944	44.543	ng		99
52) 3-Nitroaniline	9.87	138	374772	49.592	ng		98
53) 2,4-Dinitrophenol	9.97	184	67442	36.963	ng	#	19
54) Dibenzofuran	10.12	168	1547976	45.717	ng		96
55) 4-Nitrophenol	10.02	139	278246	49.406	ng		95
56) 2,4-Dinitrotoluene	10.10	165	380653	50.719	ng		96
57) Fluorene	10.47	166	1138175	48.626	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	279235	47.635	ng		98
59) Diethylphthalate	10.34	149	1411357	47.331	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	500490	50.214	ng		98
61) 4-Nitroaniline	10.49	138	351683	49.036	ng		96
62) Azobenzene	10.62	77	1376931	46.412	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	137073	43.207	ng		94
65) n-Nitrosodiphenylamine	10.57	169	1092928	45.237	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	333570	48.956	ng	#	90
67) Hexachlorobenzene	11.01	284	370341	49.788	ng		98
68) Atrazine	11.10	200	338185	48.435	ng		100
69) Pentachlorophenol	11.20	266	237874	52.443	ng		99
70) Phenanthrene	11.43	178	1695654	44.991	ng		99
71) Anthracene	11.48	178	1737799	45.465	ng		100
72) Carbazole	11.63	167	1720583	45.797	ng		99
73) Di-n-butylphthalate	11.96	149	2162263	46.911	ng		99
74) Fluoranthene	12.62	202	1718473	46.345	ng		99
76) Benzidine	12.73	184	1105684	49.869	ng		98
77) Pyrene	12.84	202	1769193	43.592	ng		99
79) Butylbenzylphthalate	13.46	149	897426	48.182	ng		98
80) Benzo(a)anthracene	14.03	228	1416013	48.337	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	556767	51.330	ng		98
82) Chrysene	14.07	228	1402705	45.920	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1144435	53.562	ng		99
84) Di-n-octyl phthalate	14.63	149	1820174	51.336	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1149392	51.698	ng		99
87) Benzo(b)fluoranthene	15.08	252	1284452	47.670	ng		98
88) Benzo(k)fluoranthene	15.11	252	1301965	50.090	ng		99
89) Benzo(a)pyrene	15.45	252	1190530	49.102	ng		97
90) Dibenzo(a,h)anthracene	17.02	278	962364	49.737	ng		98
91) Benzo(g,h,i)perylene	17.44	276	937521	48.100	ng		97

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

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