Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103753.D
Acq On : 19 Mar 2018 13:30
Operator : JU/SJ
Sample : J1750-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Manual Integrations APPROVED
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3/20/2018 6:26:26 PM

Quant Time: Mar 19 16:54:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172928	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	726635	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	338111	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	598039	20.00	ng		0.00
75) Chrysene-d12	14.16	240	459794	20.00	ng		0.00
86) Perylene-d12	15.70	264	411242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1293590	113.78	ng		0.02
7) Phenol-d6	6.60	99	1534020	110.28	ng		0.01
23) Nitrobenzene-d5	7.54	82	1126818	108.14	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	441724	151.95	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1858773	87.69	ng		0.00
78) Terphenyl-d14	13.10	244	1846735	93.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	195487	34.919	ng	#	78
3) Pyridine	3.73	79	362551	23.545	ng		89
4) n-Nitrosodimethylamine	3.69	42	225090	39.645	ng	#	74
6) Aniline	6.64	93	167584	8.437	ng		94
8) 2-Chlorophenol	6.76	128	530508	44.543	ng		95
9) Benzaldehyde	6.53	77	111880	12.243	ng		95
10) Phenol	6.62	94	554674	37.527	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	541954	44.416	ng		96
12) 1,3-Dichlorobenzene	6.92	146	557669	41.111	ng		99
13) 1,4-Dichlorobenzene	6.99	146	564369	41.404	ng		98
14) 1,2-Dichlorobenzene	7.15	146	518600	41.000	ng		99
15) Benzyl Alcohol	7.11	79	473686	43.952	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	739836	42.631	ng		95
17) 2-Methylphenol	7.22	107	462269	43.585	ng		99
18) Hexachloroethane	7.49	117	213995	44.631	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	368234	41.308	ng		94
20) 3+4-Methylphenols	7.37	107	539298	40.066	ng		94
22) Acetophenone	7.38	105	723432	38.738	ng	#	96
24) Nitrobenzene	7.56	77	585736	47.882	ng		99
25) Isophorone	7.79	82	1109544	45.999	ng		100
26) 2-Nitrophenol	7.87	139	298266	60.920	ng		96
27) 2,4-Dimethylphenol	7.90	122	524999	50.806	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	712229	48.762	ng		99
29) 2,4-Dichlorophenol	8.11	162	468337	49.816	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	467656	42.888	ng		99
31) Naphthalene	8.28	128	1643894	44.786	ng		99
32) Benzoic acid	7.98	122	81660	18.794	ng		98
33) 4-Chloroaniline	8.32	127	49483	3.213	ng		98
34) Hexachlorobutadiene	8.39	225	247629	41.420	ng		99
35) Caprolactam	8.70	113	133129m	41.124	ng		
36) 4-Chloro-3-methylphenol	8.80	107	509492	49.159	ng		98
37) 2-Methylnaphthalene	8.97	142	1063498	45.688	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	422032	43.752	ng		98
40) Hexachlorocyclopentadiene	9.12	237	466322	93.689	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	323592	52.448	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	344128	49.417	ng		98
45) 1,1'-Biphenyl	9.43	154	1225288	43.460	ng		100
46) 2-Chloronaphthalene	9.46	162	974147	43.502	ng		99
47) 2-Nitroaniline	9.56	65	313104	52.675	ng		96
48) Acenaphthylene	9.88	152	1489265	42.888	ng		99
49) Dimethylphthalate	9.73	163	1183455	45.877	ng		99
50) 2,6-Dinitrotoluene	9.80	165	274450	54.418	ng		95
51) Acenaphthene	10.05	154	968665	46.981	ng		99
52) 3-Nitroaniline	9.96	138	98123	18.917	ng		99
53) 2,4-Dinitrophenol	10.07	184	144835	87.467	ng	#	20
54) Dibenzofuran	10.23	168	1333045	45.268	ng		100
55) 4-Nitrophenol	10.13	139	424509	89.271	ng		95
56) 2,4-Dinitrotoluene	10.20	165	360553	55.863	ng		98
57) Fluorene	10.57	166	1015734	44.451	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	265916	53.891	ng		96
59) Diethylphthalate	10.43	149	1123073	43.864	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	462415	44.280	ng		96
61) 4-Nitroaniline	10.59	138	286073	49.567	ng		96
62) Azobenzene	10.72	77	1103182	42.381	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	123475	53.280	ng		82
65) n-Nitrosodiphenylamine	10.68	169	934212	45.893	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	292440	47.626	ng	#	87
67) Hexachlorobenzene	11.12	284	320469	45.728	ng		95
68) Atrazine	11.20	200	288339	45.790	ng		98
69) Pentachlorophenol	11.31	266	331121	82.183	ng		99
70) Phenanthrene	11.54	178	1453779	44.439	ng		99
71) Anthracene	11.59	178	1489116	44.817	ng		100
72) Carbazole	11.74	167	1438168	44.533	ng		99
73) Di-n-butylphthalate	12.06	149	1743091	44.983	ng		100
74) Fluoranthene	12.73	202	1507993	44.744	ng		100
77) Pyrene	12.96	202	1519391	44.996	ng		99
79) Butylbenzylphthalate	13.56	149	768508	51.369	ng		96
80) Benzo(a)anthracene	14.15	228	1358469	46.675	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	115186	11.832	ng		99
82) Chrysene	14.19	228	1267536	45.686	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	1050010	49.129	ng		99
84) Di-n-octyl phthalate	14.75	149	1696936	54.576	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	1162634	47.985	ng		98
87) Benzo(b)fluoranthene	15.24	252	1240634	47.751	ng		98
88) Benzo(k)fluoranthene	15.27	252	1125223	45.054	ng		100
89) Benzo(a)pyrene	15.63	252	1117031	47.402	ng		97
90) Dibenzo(a,h)anthracene	17.30	278	949483	46.532	ng		99
91) Benzo(g,h,i)perylene	17.76	276	973354	49.033	ng		98

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

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