Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102923.D
Acq On : 12 Feb 2018 16:28
Operator : SJ/JU
Sample : J1516-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAVE-1MSD

Manual Integrations APPROVED
Sohil
2/13/2018 11:25:56 AM

Quant Time: Feb 13 00:52:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	182251	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	741847	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	298486	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	401532	20.00	ng		0.00
75) Chrysene-d12	14.06	240	302535	20.00	ng		0.00
86) Perylene-d12	15.54	264	290969	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1539258	128.26	ng		0.02
7) Phenol-d6	6.53	99	1852047	128.17	ng		0.02
23) Nitrobenzene-d5	7.46	82	1201827	112.38	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	288007	119.88	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1718661	95.54	ng		0.00
78) Terphenyl-d14	13.00	244	1108013	86.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	245011	41.335	ng		87
3) Pyridine	3.51	79	712259	43.493	ng		93
4) n-Nitrosodimethylamine	3.46	42	382978	54.658	ng		93
6) Aniline	6.56	93	767456	35.965	ng		96
8) 2-Chlorophenol	6.68	128	571919	46.291	ng		99
9) Benzaldehyde	6.44	77	159892	14.900	ng		99
10) Phenol	6.54	94	757263	48.901	ng		89
11) bis(2-Chloroethyl)ether	6.63	93	594522	46.138	ng		93
12) 1,3-Dichlorobenzene	6.83	146	599776	41.921	ng		97
13) 1,4-Dichlorobenzene	6.90	146	601540	42.208	ng		99
14) 1,2-Dichlorobenzene	7.06	146	552731	41.639	ng		98
15) Benzyl Alcohol	7.03	79	528125	47.539	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1060099	43.308	ng		99
17) 2-Methylphenol	7.14	107	507262	44.511	ng		98
18) Hexachloroethane	7.40	117	205847	42.120	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	408065	42.832	ng		95
20) 3+4-Methylphenols	7.29	107	561610	39.962	ng	#	80
22) Acetophenone	7.30	105	771657	42.507	ng	#	89
24) Nitrobenzene	7.47	77	646153	51.378	ng		98
25) Isophorone	7.71	82	1218361	49.477	ng		97
26) 2-Nitrophenol	7.79	139	306105	57.204	ng		97
27) 2,4-Dimethylphenol	7.82	122	538824	51.793	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	743744	50.986	ng		100
29) 2,4-Dichlorophenol	8.03	162	462867	48.943	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	456656	42.683	ng		98
31) Naphthalene	8.19	128	1583018	43.675	ng		99
32) Benzoic acid	7.95	122	346660	47.407	ng		98
33) 4-Chloroaniline	8.24	127	444386	28.461	ng		97
34) Hexachlorobutadiene	8.30	225	230967	42.129	ng		99
35) Caprolactam	8.62	113	159003m	48.412	ng		
36) 4-Chloro-3-methylphenol	8.72	107	508284	47.834	ng		99
37) 2-Methylnaphthalene	8.89	142	1016089	42.819	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	387547	47.685	ng		99
40) Hexachlorocyclopentadiene	9.03	237	74900	19.386	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	278556	52.182	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	287318	47.754	ng		97
45) 1,1'-Biphenyl	9.35	154	1147888	45.659	ng		98
46) 2-Chloronaphthalene	9.37	162	899998	45.472	ng		99
47) 2-Nitroaniline	9.47	65	353978	57.238	ng		83
48) Acenaphthylene	9.79	152	1302264	42.362	ng		99
49) Dimethylphthalate	9.65	163	1232102	52.940	ng		99
50) 2,6-Dinitrotoluene	9.71	165	228856	51.686	ng	#	84
51) Acenaphthene	9.96	154	771181	41.948	ng		99
52) 3-Nitroaniline	9.88	138	216879	39.807	ng		97
53) 2,4-Dinitrophenol	9.99	184	40833	42.391	ng	#	19
54) Dibenzofuran	10.13	168	1119059	43.193	ng		96
55) 4-Nitrophenol	10.05	139	348289	77.902	ng		93
56) 2,4-Dinitrotoluene	10.12	165	276500	46.653	ng	#	91
57) Fluorene	10.48	166	800995	42.493	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	193067	46.298	ng		97
59) Diethylphthalate	10.35	149	1021601	44.455	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	383378	45.975	ng		96
61) 4-Nitroaniline	10.50	138	223550	43.107	ng		94
62) Azobenzene	10.63	77	1011380	44.054	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	33654	26.398	ng		85
65) n-Nitrosodiphenylamine	10.59	169	746271	52.691	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	219308	51.633	ng		96
67) Hexachlorobenzene	11.03	284	211414	45.119	ng		92
68) Atrazine	11.11	200	211519	50.623	ng		97
69) Pentachlorophenol	11.22	266	202267	73.535	ng		99
70) Phenanthrene	11.44	178	977314	43.703	ng		99
71) Anthracene	11.49	178	1017716	44.745	ng		100
72) Carbazole	11.64	167	942504	42.297	ng		99
73) Di-n-butylphthalate	11.97	149	1336566	49.378	ng		100
74) Fluoranthene	12.63	202	907000	40.312	ng		97
76) Benzidine	12.75	184	740869	53.282	ng		98
77) Pyrene	12.86	202	936054	39.457	ng		99
79) Butylbenzylphthalate	13.47	149	500775	44.212	ng		95
80) Benzo(a)anthracene	14.05	228	879775	46.239	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	344765	48.871	ng		97
82) Chrysene	14.09	228	824545	42.990	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	704068	48.447	ng		97
84) Di-n-octyl phthalate	14.64	149	1287204	58.989	ng		98
85) Indeno(1,2,3-cd)pyrene	17.06	276	716012	45.011	ng		98
87) Benzo(b)fluoranthene	15.11	252	871422	46.194	ng		99
88) Benzo(k)fluoranthene	15.14	252	822761	45.646	ng		99
89) Benzo(a)pyrene	15.49	252	787271	46.363	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	613114	44.485	ng		98
91) Benzo(g,h,i)perylene	17.52	276	572766	42.458	ng		99

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

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