Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104593.D
Acq On : 18 Apr 2018 11:32
Operator : JU/SJ
Sample : J2387-13MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180246-AMEND-COMP-CMSD

Manual Integrations APPROVED
Sohil
4/19/2018 12:42:48 PM

Quant Time: Apr 18 12:46:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137152	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	549900	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	244867	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	420751	20.00	ng		0.00
75) Chrysene-d12	13.98	240	259234	20.00	ng		0.00
86) Perylene-d12	15.44	264	266604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	518224	57.77	ng		0.00
7) Phenol-d6	6.44	99	402268	36.50	ng		0.00
23) Nitrobenzene-d5	7.37	82	829419	98.49	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	311913	122.80	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1366412	88.15	ng		0.00
78) Terphenyl-d14	12.92	244	1209955	106.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	70037	16.757	ng		91
3) Pyridine	3.28	79	183765	15.638	ng		89
4) n-Nitrosodimethylamine	3.23	42	73199	17.820	ng	#	74
6) Aniline	6.47	93	264539	17.277	ng		99
8) 2-Chlorophenol	6.59	128	343677	36.302	ng		95
9) Benzaldehyde	6.36	77	261933	51.953	ng		96
10) Phenol	6.45	94	172125	14.720	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	412555	44.211	ng		96
12) 1,3-Dichlorobenzene	6.75	146	417427	38.920	ng		99
13) 1,4-Dichlorobenzene	6.82	146	422177	39.488	ng		99
14) 1,2-Dichlorobenzene	6.97	146	388580	39.220	ng		99
15) Benzyl Alcohol	6.95	79	228712	27.323	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	504714	40.275	ng		88
17) 2-Methylphenol	7.06	107	229310	27.864	ng		98
18) Hexachloroethane	7.32	117	153127	40.171	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	282510	39.228	ng		93
20) 3+4-Methylphenols	7.22	107	237406	23.260	ng	#	36
22) Acetophenone	7.22	105	554013	40.922	ng		99
24) Nitrobenzene	7.39	77	428333	46.068	ng		97
25) Isophorone	7.63	82	800170	44.933	ng		98
26) 2-Nitrophenol	7.70	139	221535	58.528	ng		97
27) 2,4-Dimethylphenol	7.75	122	322238	41.001	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	509381	46.783	ng		98
29) 2,4-Dichlorophenol	7.95	162	315702	42.099	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	337132	40.965	ng		97
31) Naphthalene	8.12	128	1936165	70.709	ng		99
32) Benzoic acid	7.86	122	93363	14.888	ng		96
33) 4-Chloroaniline	8.16	127	136162	11.607	ng		96
34) Hexachlorobutadiene	8.22	225	179178	39.749	ng		98
35) Caprolactam	8.55	113	16788m	6.417	ng		
36) 4-Chloro-3-methylphenol	8.64	107	313609	39.002	ng		98
37) 2-Methylnaphthalene	8.80	142	804980	45.448	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316716	45.184	ng		99
40) Hexachlorocyclopentadiene	8.95	237	226543	57.730	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	222086	45.641	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	233062	42.802	ng		98
45) 1,1'-Biphenyl	9.27	154	886072	43.075	ng		99
46) 2-Chloronaphthalene	9.29	162	699212	43.033	ng		99
47) 2-Nitroaniline	9.39	65	212799	52.959	ng		98
48) Acenaphthylene	9.71	152	1056582	41.446	ng		99
49) Dimethylphthalate	9.57	163	830297	42.999	ng		99
50) 2,6-Dinitrotoluene	9.63	165	190333	53.269	ng		98
51) Acenaphthene	9.88	154	633708	40.742	ng		99
52) 3-Nitroaniline	9.80	138	65400	15.635	ng		97
53) 2,4-Dinitrophenol	9.92	184	174017	103.387	ng	#	19
54) Dibenzofuran	10.05	168	943289	43.517	ng		98
55) 4-Nitrophenol	9.97	139	106429	32.390	ng		91
56) 2,4-Dinitrotoluene	10.04	165	242590	51.760	ng		98
57) Fluorene	10.40	166	714679	45.297	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	182555	44.939	ng		96
59) Diethylphthalate	10.27	149	809788	42.108	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	317153	45.137	ng		99
61) 4-Nitroaniline	10.42	138	170805	41.762	ng		96
62) Azobenzene	10.55	77	755108	41.098	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	115246	54.980	ng	#	73
65) n-Nitrosodiphenylamine	10.51	169	647482	44.383	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	203051	45.370	ng		97
67) Hexachlorobenzene	10.95	284	228518	45.379	ng	#	86
68) Atrazine	11.04	200	182947	41.546	ng		100
69) Pentachlorophenol	11.14	266	224899	72.189	ng		99
70) Phenanthrene	11.36	178	1044206	44.565	ng		99
71) Anthracene	11.42	178	1037066	43.541	ng		100
72) Carbazole	11.57	167	906375	38.943	ng		99
73) Di-n-butylphthalate	11.90	149	1183934	41.642	ng		99
74) Fluoranthene	12.56	202	950855	38.840	ng		97
76) Benzidine	12.67	184	200269	18.857	ng		98
77) Pyrene	12.78	202	966229	50.284	ng		100
79) Butylbenzylphthalate	13.39	149	430804	47.589	ng		96
80) Benzo(a)anthracene	13.97	228	738018	47.654	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	166778	28.883	ng		98
82) Chrysene	14.00	228	710586	44.670	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	591495	50.799	ng		99
84) Di-n-octyl phthalate	14.57	149	916340	47.098	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	919061	68.012	ng		98
87) Benzo(b)fluoranthene	15.02	252	730375	43.376	ng		98
88) Benzo(k)fluoranthene	15.05	252	634935	39.941	ng		98
89) Benzo(a)pyrene	15.38	252	687287	45.618	ng	#	97
90) Dibenzo(a,h)anthracene	16.92	278	749203	60.548	ng		97
91) Benzo(g,h,i)perylene	17.34	276	799752	66.712	ng		98

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

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