Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103880.D
Acq On : 23 Mar 2018 15:13
Operator : JU/SJ
Sample : J1998-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MSD

Manual Integrations APPROVED
Sohil
3/26/2018 4:33:00 PM

Quant Time: Mar 26 12:31:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148196	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	607416	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	276909	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	449629	20.00	ng		0.00
75) Chrysene-d12	14.17	240	282307	20.00	ng		0.00
86) Perylene-d12	15.71	264	287563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1143417	117.35	ng		0.02
7) Phenol-d6	6.60	99	1437931	120.63	ng		0.00
23) Nitrobenzene-d5	7.54	82	880994	101.14	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	347773	146.07	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1480239	85.27	ng		0.00
78) Terphenyl-d14	13.10	244	1178976	96.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	159333	33.211	ng	#	89
3) Pyridine	3.66	79	445226	33.739	ng	#	87
4) n-Nitrosodimethylamine	3.62	42	183081	37.628	ng		79
6) Aniline	6.64	93	313545	18.421	ng		97
8) 2-Chlorophenol	6.76	128	449406	44.030	ng		96
9) Benzaldehyde	6.53	77	130353	16.645	ng		96
10) Phenol	6.62	94	567305	44.787	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	432861	41.396	ng		94
12) 1,3-Dichlorobenzene	6.92	146	466693	40.146	ng		99
13) 1,4-Dichlorobenzene	6.99	146	470001	40.235	ng		100
14) 1,2-Dichlorobenzene	7.15	146	440747	40.660	ng		99
15) Benzyl Alcohol	7.12	79	386440	41.841	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	559775	37.638	ng		93
17) 2-Methylphenol	7.22	107	380129	41.822	ng		99
18) Hexachloroethane	7.49	117	164675	40.077	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	294870	38.599	ng		93
20) 3+4-Methylphenols	7.37	107	469469	40.699	ng	#	86
22) Acetophenone	7.39	105	592562	37.958	ng	#	93
24) Nitrobenzene	7.56	77	465503	45.522	ng		93
25) Isophorone	7.79	82	849707	42.141	ng		99
26) 2-Nitrophenol	7.87	139	250276	61.115	ng		90
27) 2,4-Dimethylphenol	7.90	122	413887	47.914	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	559721	45.842	ng		99
29) 2,4-Dichlorophenol	8.12	162	376550	47.914	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	383011	42.020	ng		99
31) Naphthalene	8.28	128	1259019	41.032	ng		99
32) Benzoic acid	7.96	122	34476m	14.394	ng		
33) 4-Chloroaniline	8.32	127	120403	9.353	ng		98
34) Hexachlorobutadiene	8.39	225	206258	41.272	ng		98
35) Caprolactam	8.70	113	127420m	47.086	ng		
36) 4-Chloro-3-methylphenol	8.81	107	411194	47.461	ng		96
37) 2-Methylnaphthalene	8.97	142	836979	43.014	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	354516	44.876	ng		99
40) Hexachlorocyclopentadiene	9.12	237	154959	38.014	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	257901	51.039	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	273401	47.938	ng		97
45) 1,1'-Biphenyl	9.43	154	962409	41.680	ng		99
46) 2-Chloronaphthalene	9.46	162	774534	42.233	ng		99
47) 2-Nitroaniline	9.56	65	245339	50.692	ng		99
48) Acenaphthylene	9.88	152	1162371	40.873	ng		99
49) Dimethylphthalate	9.73	163	1054904	49.932	ng		99
50) 2,6-Dinitrotoluene	9.80	165	213229	51.828	ng		96
51) Acenaphthene	10.06	154	716055	42.405	ng		99
52) 3-Nitroaniline	9.97	138	149667	31.943	ng		99
53) 2,4-Dinitrophenol	10.07	184	70117	64.959	ng	#	22
54) Dibenzofuran	10.23	168	1030940	42.747	ng		99
55) 4-Nitrophenol	10.13	139	353245	90.623	ng		90
56) 2,4-Dinitrotoluene	10.21	165	276312	52.672	ng	#	85
57) Fluorene	10.57	166	803325	42.926	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	208343	51.555	ng		94
59) Diethylphthalate	10.43	149	893282	42.601	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	376487	44.020	ng		96
61) 4-Nitroaniline	10.59	138	187392	40.396	ng		91
62) Azobenzene	10.72	77	833354	39.091	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	68809	43.675	ng		78
65) n-Nitrosodiphenylamine	10.68	169	725026	47.373	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	225850	48.922	ng	#	89
67) Hexachlorobenzene	11.12	284	239452	45.445	ng	#	88
68) Atrazine	11.20	200	228438	48.251	ng		98
69) Pentachlorophenol	11.32	266	240209	79.297	ng		97
70) Phenanthrene	11.54	178	1056783	42.966	ng		98
71) Anthracene	11.59	178	1078240	43.163	ng		100
72) Carbazole	11.75	167	996838	41.055	ng		99
73) Di-n-butylphthalate	12.06	149	1304528	44.778	ng		99
74) Fluoranthene	12.73	202	946610	37.357	ng		97
76) Benzidine	12.85	184	535753	44.496	ng		98
77) Pyrene	12.96	202	928784	44.799	ng		100
79) Butylbenzylphthalate	13.57	149	469666	51.131	ng		95
80) Benzo(a)anthracene	14.16	228	794714	44.472	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	273918	45.826	ng		99
82) Chrysene	14.19	228	755253	44.336	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	641092	48.855	ng		99
84) Di-n-octyl phthalate	14.75	149	1048634	54.929	ng		95
85) Indeno(1,2,3-cd)pyrene	17.30	276	720630	48.442	ng		99
87) Benzo(b)fluoranthene	15.25	252	814297	44.822	ng		97
88) Benzo(k)fluoranthene	15.29	252	713127	40.834	ng		99
89) Benzo(a)pyrene	15.64	252	743306	45.109	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	613957	43.029	ng		99
91) Benzo(g,h,i)perylene	17.78	276	570310	41.086	ng		97

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

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