Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103610.D
Acq On : 13 Mar 2018 17:55
Operator : SJ/JU
Sample : J1898-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:34 PM

Quant Time: Mar 14 09:50:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136374	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	582452	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	264968	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	460803	20.00	ng		0.00
75) Chrysene-d12	14.06	240	275447	20.00	ng		0.00
86) Perylene-d12	15.57	264	255245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1473874	163.46	ng		0.00
7) Phenol-d6	6.51	99	1802562	163.37	ng		0.00
23) Nitrobenzene-d5	7.43	82	1217938	119.42	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	359559	160.32	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1650433	117.45	ng		0.00
78) Terphenyl-d14	12.99	244	1460509	127.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	101401m	21.292	ng		
3) Pyridine	3.53	79	288156m	22.664	ng		
4) n-Nitrosodimethylamine	3.45	42	197553m	38.527	ng		
6) Aniline	6.54	93	438705	27.550	ng	#	69
8) 2-Chlorophenol	6.65	128	396487	42.328	ng		92
9) Benzaldehyde	6.44	77	121818	15.144	ng		97
10) Phenol	6.52	94	507744	39.641	ng		87
11) bis(2-Chloroethyl)ether	6.60	93	355943	36.614	ng		95
12) 1,3-Dichlorobenzene	6.80	146	352257	32.908	ng		97
13) 1,4-Dichlorobenzene	6.87	146	394430	36.753	ng		99
14) 1,2-Dichlorobenzene	7.03	146	347607	35.126	ng		99
15) Benzyl Alcohol	7.02	79	349768	42.068	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	645405	38.661	ng		49
17) 2-Methylphenol	7.12	107	367190	43.136	ng	#	78
18) Hexachloroethane	7.36	117	128632	32.924	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	334185	48.666	ng		96
20) 3+4-Methylphenols	7.28	107	502389	48.416	ng	#	50
22) Acetophenone	7.27	105	618980	45.529	ng	#	91
24) Nitrobenzene	7.45	77	478706	42.631	ng		95
25) Isophorone	7.68	82	993056	49.437	ng		96
26) 2-Nitrophenol	7.76	139	248830	47.071	ng		90
27) 2,4-Dimethylphenol	7.80	122	420978	52.100	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	579994	49.110	ng		98
29) 2,4-Dichlorophenol	8.02	162	395959	51.183	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	329773	40.030	ng		99
31) Naphthalene	8.16	128	1257827	44.110	ng		100
32) Benzoic acid	7.96	122	181987	32.899	ng		96
33) 4-Chloroaniline	8.24	127	233067	18.941	ng		95
34) Hexachlorobutadiene	8.26	225	154340	35.977	ng		99
35) Caprolactam	8.61	113	126522m	46.534	ng		
36) 4-Chloro-3-methylphenol	8.72	107	459188	52.625	ng		99
37) 2-Methylnaphthalene	8.86	142	832763	45.187	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	317012	43.764	ng		99
40) Hexachlorocyclopentadiene	9.00	237	49881	26.249	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	231496	47.495	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	238528m	42.549	ng		
45) 1,1'-Biphenyl	9.32	154	966206	43.517	ng		98
46) 2-Chloronaphthalene	9.35	162	781170	44.472	ng		99
47) 2-Nitroaniline	9.46	65	345299	53.069	ng		89
48) Acenaphthylene	9.76	152	1165063	43.108	ng		99
49) Dimethylphthalate	9.62	163	997156	46.911	ng		100
50) 2,6-Dinitrotoluene	9.70	165	206676	46.333	ng	#	73
51) Acenaphthene	9.93	154	681010	43.213	ng		100
52) 3-Nitroaniline	9.88	138	148299	26.204	ng		95
53) 2,4-Dinitrophenol	10.00	184	101998	65.312	ng	#	20
54) Dibenzofuran	10.11	168	973317	44.991	ng		93
55) 4-Nitrophenol	10.06	139	198371	56.556	ng	#	84
56) 2,4-Dinitrotoluene	10.12	165	263170	46.649	ng	#	81
57) Fluorene	10.46	166	816565	44.309	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	180933	48.045	ng	#	87
59) Diethylphthalate	10.32	149	946476	46.556	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	364255	46.609	ng		100
61) 4-Nitroaniline	10.51	138	234899	41.555	ng		99
62) Azobenzene	10.60	77	1037626	50.143	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	90974	34.049	ng		88
65) n-Nitrosodiphenylamine	10.56	169	746690	46.539	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	217669	45.346	ng		95
67) Hexachlorobenzene	11.00	284	222495	42.704	ng		98
68) Atrazine	11.09	200	224589	46.571	ng		98
69) Pentachlorophenol	11.21	266	163341	64.839	ng		99
70) Phenanthrene	11.42	178	1133212	44.686	ng		99
71) Anthracene	11.47	178	1230636	47.324	ng		99
72) Carbazole	11.64	167	1228475	47.439	ng		98
73) Di-n-butylphthalate	11.94	149	1510182	46.605	ng		99
74) Fluoranthene	12.62	202	1129261	44.314	ng		98
76) Benzidine	12.74	184	558707	54.256	ng		98
77) Pyrene	12.85	202	1107618	51.576	ng		99
79) Butylbenzylphthalate	13.45	149	628121	55.359	ng		100
80) Benzo(a)anthracene	14.04	228	815028	45.604	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	246186	38.598	ng		99
82) Chrysene	14.09	228	835338	48.137	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	779383	50.902	ng		98
84) Di-n-octyl phthalate	14.62	149	1338492	54.105	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	727599	52.962	ng		99
87) Benzo(b)fluoranthene	15.12	252	663838	39.556	ng		97
88) Benzo(k)fluoranthene	15.15	252	765284	48.426	ng		100
89) Benzo(a)pyrene	15.50	252	693128	46.250	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	603681	52.130	ng		97
91) Benzo(g,h,i)perylene	17.58	276	614726	54.315	ng		99

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

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