Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103581.D
Acq On : 12 Mar 2018 14:53
Operator : SJ/JU
Sample : J1876-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Manual Integrations APPROVED
Sohil
3/13/2018 4:13:02 PM

Quant Time: Mar 12 16:18:12 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	122924	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	518454	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	219643	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	332399	20.00	ng		0.00
75) Chrysene-d12	14.06	240	194983	20.00	ng		0.00
86) Perylene-d12	15.56	264	202740	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	668895	82.30	ng		0.01
7) Phenol-d6	6.51	99	862110	86.68	ng		0.00
23) Nitrobenzene-d5	7.43	82	572776	63.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	107365	57.75	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	795092	57.62	ng		0.00
78) Terphenyl-d14	12.98	244	535013	65.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	107700m	25.089	ng		
3) Pyridine	3.49	79	256230m	22.358	ng		
4) n-Nitrosodimethylamine	3.43	42	106259	22.990	ng		90
6) Aniline	6.54	93	125428	8.739	ng	#	24
8) 2-Chlorophenol	6.65	128	233845	27.696	ng		92
9) Benzaldehyde	6.43	77	117965	16.439	ng		98
10) Phenol	6.52	94	296811	25.708	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	223006	25.449	ng		93
12) 1,3-Dichlorobenzene	6.80	146	249551	25.864	ng		98
13) 1,4-Dichlorobenzene	6.87	146	266421	27.541	ng		99
14) 1,2-Dichlorobenzene	7.03	146	241494	27.074	ng		99
15) Benzyl Alcohol	7.02	79	193730	25.850	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	396051	26.320	ng		54
17) 2-Methylphenol	7.13	107	195470	25.475	ng	#	80
18) Hexachloroethane	7.36	117	81247	23.071	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	191112	30.876	ng	#	93
20) 3+4-Methylphenols	7.29	107	275737	29.480	ng		92
22) Acetophenone	7.27	105	365040	30.165	ng	#	97
24) Nitrobenzene	7.45	77	271379	27.151	ng		95
25) Isophorone	7.68	82	499870	27.957	ng		98
26) 2-Nitrophenol	7.76	139	102612	21.807	ng		92
27) 2,4-Dimethylphenol	7.80	122	219289	30.489	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	316229	30.082	ng		97
29) 2,4-Dichlorophenol	8.03	162	184300	26.764	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	187723	25.600	ng		98
31) Naphthalene	8.16	128	718441	28.305	ng		99
32) Benzoic acid	7.80	122	219289	42.090	ng	#	15
33) 4-Chloroaniline	8.24	127	115871	10.579	ng	#	93
34) Hexachlorobutadiene	8.27	225	94307	24.697	ng		98
35) Caprolactam	8.58	113	63092	26.069	ng	#	75
36) 4-Chloro-3-methylphenol	8.72	107	223194	28.736	ng		98
37) 2-Methylnaphthalene	8.86	142	446392	27.212	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	164100	27.329	ng		99
40) Hexachlorocyclopentadiene	9.00	237	961	9.285	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	68432	16.937	ng		93
43) 2,4,5-Trichlorophenol	9.20	196	93797	20.184	ng		93
45) 1,1'-Biphenyl	9.32	154	504386	27.405	ng		97
46) 2-Chloronaphthalene	9.35	162	400355	27.495	ng		99
47) 2-Nitroaniline	9.46	65	157982	29.291	ng		85
48) Acenaphthylene	9.76	152	604161	26.967	ng		99
49) Dimethylphthalate	9.62	163	509417	28.911	ng		99
50) 2,6-Dinitrotoluene	9.69	165	96396	26.070	ng	#	81
51) Acenaphthene	9.93	154	345506	26.448	ng		99
52) 3-Nitroaniline	9.87	138	89349	19.046	ng		97
54) Dibenzofuran	10.11	168	511529	28.524	ng		97
56) 2,4-Dinitrotoluene	10.11	165	118192	25.274	ng	#	66
57) Fluorene	10.45	166	403495	26.413	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	36471	11.683	ng	#	91
59) Diethylphthalate	10.31	149	456596	27.094	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	179084	27.644	ng		94
61) 4-Nitroaniline	10.50	138	111250	23.742	ng		93
62) Azobenzene	10.60	77	470753	27.443	ng		96
65) n-Nitrosodiphenylamine	10.56	169	354288	30.612	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	99070	28.611	ng		99
67) Hexachlorobenzene	11.00	284	97376	25.910	ng		98
68) Atrazine	11.09	200	102896	29.579	ng		99
69) Pentachlorophenol	11.22	266	17052	9.384	ng		93
70) Phenanthrene	11.42	178	523361	28.610	ng		99
71) Anthracene	11.47	178	535867	28.567	ng		99
72) Carbazole	11.64	167	507599	27.173	ng		100
73) Di-n-butylphthalate	11.94	149	672287	28.762	ng		99
74) Fluoranthene	12.62	202	474563	25.816	ng		98
76) Benzidine	12.74	184	177155	24.303	ng		97
77) Pyrene	12.85	202	457173	30.073	ng		99
79) Butylbenzylphthalate	13.44	149	221008	27.516	ng		98
80) Benzo(a)anthracene	14.04	228	350147	27.677	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	99844	22.114	ng		97
82) Chrysene	14.08	228	341517	27.802	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	290104	26.766	ng	#	99
84) Di-n-octyl phthalate	14.62	149	488980	27.922	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	323475	33.262	ng		98
87) Benzo(b)fluoranthene	15.12	252	347367	26.059	ng		98
88) Benzo(k)fluoranthene	15.15	252	350487	27.922	ng		98
89) Benzo(a)pyrene	15.50	252	333214	27.992	ng		99
90) Dibenzo(a,h)anthracene	17.12	278	271647	29.533	ng		97
91) Benzo(g,h,i)perylene	17.58	276	259154	28.828	ng		98

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

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