Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102890.D
Acq On : 9 Feb 2018 15:54
Operator : SJ/JU
Sample : J1506-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Manual Integrations APPROVED
Sohil
2/13/2018 4:36:31 AM

Quant Time: Feb 09 22:13:38 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	181511	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	773690	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	315406	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	458904	20.00	ng		0.00
75) Chrysene-d12	14.06	240	314999	20.00	ng		0.01
86) Perylene-d12	15.54	264	327041	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1455807	121.80	ng		0.02
7) Phenol-d6	6.52	99	1704858	118.47	ng		0.02
23) Nitrobenzene-d5	7.46	82	1092184	97.93	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	281724	110.97	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1582775	83.27	ng		0.00
78) Terphenyl-d14	13.00	244	1088359	81.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	222062	37.616	ng		89
3) Pyridine	3.49	79	622338	38.157	ng		94
4) n-Nitrosodimethylamine	3.43	42	348164	49.892	ng		91
6) Aniline	6.55	93	452329	21.284	ng		95
8) 2-Chlorophenol	6.67	128	494525	40.190	ng		94
9) Benzaldehyde	6.43	77	149803	14.017	ng		99
10) Phenol	6.53	94	655893	42.528	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	509914	39.734	ng		90
12) 1,3-Dichlorobenzene	6.83	146	513940	36.068	ng		97
13) 1,4-Dichlorobenzene	6.90	146	519553	36.604	ng		99
14) 1,2-Dichlorobenzene	7.06	146	478103	36.164	ng		98
15) Benzyl Alcohol	7.03	79	454554	41.083	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	904146	37.088	ng		98
17) 2-Methylphenol	7.14	107	432300	38.088	ng		98
18) Hexachloroethane	7.40	117	178579	36.689	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	346010	36.467	ng		91
20) 3+4-Methylphenols	7.29	107	496850	35.498	ng	#	74
22) Acetophenone	7.30	105	668959	35.333	ng	#	93
24) Nitrobenzene	7.47	77	549611	41.889	ng		97
25) Isophorone	7.71	82	1023998	39.873	ng		100
26) 2-Nitrophenol	7.79	139	264182	48.833	ng		97
27) 2,4-Dimethylphenol	7.82	122	470508	43.365	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	642097	42.206	ng		98
29) 2,4-Dichlorophenol	8.03	162	394105	39.957	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	404156	36.221	ng		99
31) Naphthalene	8.19	128	1446179	38.258	ng		99
32) Benzoic acid	7.87	122	18263m	10.829	ng		
33) 4-Chloroaniline	8.24	127	240129	14.746	ng		97
34) Hexachlorobutadiene	8.30	225	202202	35.364	ng		99
35) Caprolactam	8.61	113	145037m	42.342	ng		
36) 4-Chloro-3-methylphenol	8.72	107	457008	41.238	ng		99
37) 2-Methylnaphthalene	8.89	142	921442	37.232	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	344645	40.131	ng		99
40) Hexachlorocyclopentadiene	9.03	237	80730	19.775	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	244782	43.395	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	254227	39.987	ng		96
45) 1,1'-Biphenyl	9.35	154	1030928	38.807	ng		97
46) 2-Chloronaphthalene	9.37	162	805748	38.526	ng		100
47) 2-Nitroaniline	9.47	65	327220	50.507	ng		85
48) Acenaphthylene	9.79	152	1205100	37.099	ng		99
49) Dimethylphthalate	9.65	163	1114539	45.320	ng		99
50) 2,6-Dinitrotoluene	9.71	165	208387	44.538	ng	#	87
51) Acenaphthene	9.96	154	713507	36.729	ng		99
52) 3-Nitroaniline	9.88	138	197198	34.253	ng		99
53) 2,4-Dinitrophenol	9.99	184	3970	12.538	ng	#	33
54) Dibenzofuran	10.13	168	1056672	38.597	ng		96
55) 4-Nitrophenol	10.04	139	283971	61.027	ng		90
56) 2,4-Dinitrotoluene	10.12	165	254610	41.051	ng		93
57) Fluorene	10.48	166	770710	38.693	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	167964	38.118	ng	#	96
59) Diethylphthalate	10.35	149	925967	38.132	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	347584	39.447	ng		96
61) 4-Nitroaniline	10.49	138	209721	38.271	ng		98
62) Azobenzene	10.63	77	937795	38.658	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	13837	15.361	ng		89
65) n-Nitrosodiphenylamine	10.59	169	699413	43.209	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	202228	41.659	ng		96
67) Hexachlorobenzene	11.03	284	198687	37.101	ng		94
68) Atrazine	11.11	200	205301	42.992	ng		97
69) Pentachlorophenol	11.22	266	165084	52.514	ng		97
70) Phenanthrene	11.45	178	1309033	51.218	ng		99
71) Anthracene	11.49	178	1037518	39.912	ng		100
72) Carbazole	11.65	167	945380	37.122	ng		99
73) Di-n-butylphthalate	11.97	149	1287371	41.615	ng		100
74) Fluoranthene	12.63	202	1296044	50.402	ng		99
76) Benzidine	12.75	184	501166	34.617	ng		98
77) Pyrene	12.86	202	1235543	50.020	ng		100
79) Butylbenzylphthalate	13.47	149	479851	40.770	ng		95
80) Benzo(a)anthracene	14.05	228	988917	49.919	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	270861	36.876	ng		97
82) Chrysene	14.09	228	905119	45.324	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	697005	46.063	ng		100
84) Di-n-octyl phthalate	14.64	149	1192596	52.490	ng		97
85) Indeno(1,2,3-cd)pyrene	17.06	276	734356	44.338	ng		98
87) Benzo(b)fluoranthene	15.11	252	1064341	50.197	ng		96
88) Benzo(k)fluoranthene	15.14	252	792347	39.110	ng		99
89) Benzo(a)pyrene	15.49	252	878995	46.056	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	564262	36.425	ng		99
91) Benzo(g,h,i)perylene	17.52	276	590575	38.950	ng		99

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

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