Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101018.D
Acq On : 30 Nov 2017 15:04
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
12/1/2017 11:12:32 AM

Quant Time: Nov 30 15:51:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 14:21:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53510	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	212279	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	103859	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	213589	20.00	ng		0.00
75) Chrysene-d12	14.03	240	172306	20.00	ng		0.00
86) Perylene-d12	15.50	264	144487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	480834	144.04	ng		0.00
7) Phenol-d6	6.50	99	590949	143.56	ng		0.01
23) Nitrobenzene-d5	7.43	82	546852	170.31	ng		0.01
41) 2,4,6-Tribromophenol	10.69	330	182062	172.03	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1088583	159.60	ng		0.01
78) Terphenyl-d14	12.97	244	1150330	153.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	103904	63.871	ng		99
3) Pyridine	3.38	79	272493	61.396	ng		97
4) n-Nitrosodimethylamine	3.36	42	142028	65.911	ng		92
6) Aniline	6.53	93	386594	66.477	ng		98
8) 2-Chlorophenol	6.65	128	261918	74.168	ng		98
10) Phenol	6.51	94	330587	76.501	ng		80
11) bis(2-Chloroethyl)ether	6.60	93	248815	68.550	ng		98
12) 1,3-Dichlorobenzene	6.80	146	309278	75.962	ng		97
13) 1,4-Dichlorobenzene	6.87	146	310874	75.440	ng		98
14) 1,2-Dichlorobenzene	7.03	146	288970	75.844	ng		98
15) Benzyl Alcohol	7.00	79	227261	70.740	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	345420	59.500	ng		98
17) 2-Methylphenol	7.12	107	216480	71.734	ng		96
18) Hexachloroethane	7.37	117	102388	75.358	ng	#	87
19) n-Nitroso-di-n-propylamine	7.29	70	199807	69.992	ng		96
20) 3+4-Methylphenols	7.27	107	260969	68.337	ng	#	79
22) Acetophenone	7.27	105	379067	73.230	ng	#	89
24) Nitrobenzene	7.45	77	268411	81.220	ng		96
25) Isophorone	7.69	82	480533	71.218	ng		98
26) 2-Nitrophenol	7.76	139	151575	107.783	ng		97
27) 2,4-Dimethylphenol	7.79	122	212923	70.395	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	313812	71.102	ng		99
29) 2,4-Dichlorophenol	8.00	162	233381	80.825	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	252020	80.687	ng		97
31) Naphthalene	8.16	128	786727	76.945	ng		99
32) Benzoic acid	7.96	122	192152	97.354	ng		93
33) 4-Chloroaniline	8.22	127	311739	73.248	ng		98
34) Hexachlorobutadiene	8.27	225	152224	81.969	ng		97
35) Caprolactam	8.62	113	80575m	81.312	ng		
36) 4-Chloro-3-methylphenol	8.70	107	243357	78.472	ng		96
37) 2-Methylnaphthalene	8.86	142	529983	78.076	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	280138	81.329	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	111897	69.024	ng		99
42) 2,4,6-Trichlorophenol	9.13	196	173635	79.537	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	188311	83.256	ng		96
45) 1,1'-Biphenyl	9.32	154	692547	77.097	ng		99
46) 2-Chloronaphthalene	9.35	162	507688	77.906	ng		98
47) 2-Nitroaniline	9.45	65	155637	85.632	ng		100
48) Acenaphthylene	9.76	152	823927	76.292	ng		99
49) Dimethylphthalate	9.63	163	639279	80.618	ng		100
50) 2,6-Dinitrotoluene	9.69	165	134935	85.965	ng		91
51) Acenaphthene	9.93	154	492521	74.987	ng		99
52) 3-Nitroaniline	9.86	138	153647	82.895	ng		97
53) 2,4-Dinitrophenol	9.97	184	73278	154.233	ng	#	17
54) Dibenzofuran	10.11	168	693738	75.360	ng		97
55) 4-Nitrophenol	10.02	139	109410	72.696	ng		97
56) 2,4-Dinitrotoluene	10.10	165	174242	87.993	ng	#	95
57) Fluorene	10.45	166	565404	83.841	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	150828	81.365	ng	#	86
59) Diethylphthalate	10.32	149	610915	76.985	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	277564	83.901	ng		89
61) 4-Nitroaniline	10.49	138	156576	89.088	ng		94
62) Azobenzene	10.60	77	531248	71.080	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	117513	126.140	ng		86
65) n-Nitrosodiphenylamine	10.56	169	556258	74.900	ng		96
66) 4-Bromophenyl-phenylether	10.93	248	175174	76.507	ng		90
67) Hexachlorobenzene	11.00	284	188936	78.898	ng	#	87
68) Atrazine	11.09	200	164021	72.960	ng		97
69) Pentachlorophenol	11.19	266	115962	67.532	ng		99
70) Phenanthrene	11.42	178	853642	75.908	ng		98
71) Anthracene	11.47	178	856707	75.088	ng		98
72) Carbazole	11.62	167	776772	73.785	ng		100
73) Di-n-butylphthalate	11.94	149	971682	78.872	ng		99
74) Fluoranthene	12.60	202	914636	76.742	ng		96
76) Benzidine	12.72	184	340577m	49.356	ng		
77) Pyrene	12.83	202	941431	76.647	ng		100
79) Butylbenzylphthalate	13.44	149	411608	82.173	ng		95
80) Benzo(a)anthracene	14.02	228	835722	80.542	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	246372	66.271	ng		97
82) Chrysene	14.06	228	754234	75.064	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	563774	85.575	ng		98
84) Di-n-octyl phthalate	14.61	149	941267	83.167	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	621580	76.481	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	680257	79.468	ng		98
88) Benzo(k)fluoranthene	15.11	252	665487m	82.280	ng		
89) Benzo(a)pyrene	15.44	252	610542	80.453	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	519714	83.741	ng	#	94
91) Benzo(g,h,i)perylene	17.45	276	507174	83.483	ng	#	92

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

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