Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101795.D
Acq On : 28 Dec 2017 11:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/29/2017 11:54:47 AM

Quant Time: Dec 28 12:50:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	138609	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	564910	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	265296	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	519548	20.00	ng		0.00
75) Chrysene-d12	13.97	240	419782	20.00	ng		0.00
86) Perylene-d12	15.43	264	445188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	751158	80.72	ng		0.00
7) Phenol-d6	6.43	99	852839	73.64	ng		0.00
23) Nitrobenzene-d5	7.36	82	780173	76.88	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	219899	86.02	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1309272	76.56	ng		0.00
78) Terphenyl-d14	12.90	244	1292927	74.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	170376	35.633	ng		95
3) Pyridine	3.23	79	460595	34.672	ng		95
4) n-Nitrosodimethylamine	3.20	42	215510	35.234	ng		98
6) Aniline	6.45	93	578097	35.921	ng	#	70
8) 2-Chlorophenol	6.57	128	380118	38.833	ng		98
9) Benzaldehyde	6.35	77	283861	33.190	ng		99
10) Phenol	6.45	94	475256	36.006	ng	#	67
11) bis(2-Chloroethyl)ether	6.52	93	388543	37.528	ng		96
12) 1,3-Dichlorobenzene	6.72	146	433411	39.231	ng		98
13) 1,4-Dichlorobenzene	6.80	146	445359	39.477	ng		98
14) 1,2-Dichlorobenzene	6.95	146	393577	38.758	ng		99
15) Benzyl Alcohol	6.94	79	298847	37.492	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	589968	37.232	ng	#	43
17) 2-Methylphenol	7.05	107	331921	36.864	ng	#	90
18) Hexachloroethane	7.28	117	152444	38.866	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	282266	37.114	ng		92
20) 3+4-Methylphenols	7.21	107	415553	43.553	ng	#	72
22) Acetophenone	7.20	105	509449	39.523	ng	#	92
24) Nitrobenzene	7.37	77	418053	37.221	ng		98
25) Isophorone	7.61	82	744601	36.575	ng		98
26) 2-Nitrophenol	7.69	139	215729	44.708	ng		99
27) 2,4-Dimethylphenol	7.73	122	317091	38.681	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	485314	37.529	ng		99
29) 2,4-Dichlorophenol	7.94	162	335805	41.464	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	328910	38.484	ng		97
31) Naphthalene	8.09	128	1082449	38.061	ng		100
32) Benzoic acid	7.90	122	253254	46.207	ng		97
33) 4-Chloroaniline	8.15	127	479534	38.795	ng		99
34) Hexachlorobutadiene	8.19	225	199289	40.316	ng		97
35) Caprolactam	8.53	113	111633m	39.697	ng		
36) 4-Chloro-3-methylphenol	8.65	107	350533	39.379	ng		97
37) 2-Methylnaphthalene	8.78	142	704046	37.997	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	350587	39.141	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	35033	33.289	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	217916	40.412	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	217476	36.833	ng		96
45) 1,1'-Biphenyl	9.25	154	874081	37.151	ng		98
46) 2-Chloronaphthalene	9.27	162	669494	37.189	ng		97
47) 2-Nitroaniline	9.39	65	243654	39.179	ng		99
48) Acenaphthylene	9.69	152	1040021	36.576	ng		100
49) Dimethylphthalate	9.55	163	774698	36.304	ng		99
50) 2,6-Dinitrotoluene	9.63	165	170503	39.313	ng		93
51) Acenaphthene	9.86	154	639827	37.453	ng		99
52) 3-Nitroaniline	9.80	138	220951	40.862	ng		97
53) 2,4-Dinitrophenol	9.94	184	58541	44.075	ng	#	18
54) Dibenzofuran	10.03	168	896817	41.309	ng		97
55) 4-Nitrophenol	9.99	139	96381	40.877	ng		96
56) 2,4-Dinitrotoluene	10.04	165	236520	48.403	ng		96
57) Fluorene	10.37	166	734205	39.977	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	174980	41.249	ng		88
59) Diethylphthalate	10.24	149	815391	38.585	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	362633	41.200	ng		95
61) 4-Nitroaniline	10.42	138	217549	40.026	ng		97
62) Azobenzene	10.52	77	785374	35.877	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	126004	47.525	ng		83
65) n-Nitrosodiphenylamine	10.49	169	707718	36.891	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	228182	39.087	ng	#	86
67) Hexachlorobenzene	10.93	284	236715	38.312	ng	#	91
68) Atrazine	11.02	200	219151	38.312	ng		96
69) Pentachlorophenol	11.13	266	76140	35.649	ng		95
70) Phenanthrene	11.34	178	1068035	36.965	ng		99
71) Anthracene	11.39	178	1105326	37.452	ng		100
72) Carbazole	11.56	167	1048906	37.960	ng		99
73) Di-n-butylphthalate	11.86	149	1311856	39.116	ng		99
74) Fluoranthene	12.53	202	1158513	38.201	ng		98
76) Benzidine	12.66	184	788787	44.490	ng		99
77) Pyrene	12.77	202	1181085	37.489	ng		100
79) Butylbenzylphthalate	13.36	149	563555	39.534	ng		97
80) Benzo(a)anthracene	13.96	228	1022576	36.891	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	331179	36.642	ng		96
82) Chrysene	14.00	228	983375	37.574	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	674186	37.339	ng		99
84) Di-n-octyl phthalate	14.52	149	1252920	38.910	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	883426	37.906	ng		96
87) Benzo(b)fluoranthene	15.01	252	914273	33.693	ng		99
88) Benzo(k)fluoranthene	15.04	252	928617	35.198	ng		98
89) Benzo(a)pyrene	15.38	252	858728	34.329	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	742718	34.581	ng		97
91) Benzo(g,h,i)perylene	17.36	276	760033	35.738	ng		96

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

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