Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101747.D
Acq On : 27 Dec 2017 7:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/27/2017 4:15:28 PM

Quant Time: Dec 27 08:17:41 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	6.79	152	114198	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	407834	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	148885	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	252093	20.00	ng		0.00
75) Chrysene-d12	13.97	240	263525	20.00	ng		0.00
86) Perylene-d12	15.44	264	231081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	654652	85.39	ng		0.00
7) Phenol-d6	6.44	99	694611	72.80	ng		0.00
23) Nitrobenzene-d5	7.36	82	592926	80.93	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	113226	78.92	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	913664	95.20	ng		0.00
78) Terphenyl-d14	12.90	244	768372	70.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	157310	39.934	ng		96
3) Pyridine	3.26	79	396504	36.227	ng		94
4) n-Nitrosodimethylamine	3.22	42	169550	33.645	ng		100
6) Aniline	6.46	93	475288	35.846	ng	#	79
8) 2-Chlorophenol	6.58	128	312733	38.778	ng		97
9) Benzaldehyde	6.35	77	244710	34.728	ng		98
10) Phenol	6.45	94	386678	35.557	ng		73
11) bis(2-Chloroethyl)ether	6.53	93	322533	37.811	ng		97
12) 1,3-Dichlorobenzene	6.73	146	364468	40.043	ng		98
13) 1,4-Dichlorobenzene	6.80	146	372744	40.103	ng		99
14) 1,2-Dichlorobenzene	6.96	146	327394	39.132	ng		100
15) Benzyl Alcohol	6.95	79	236626	36.031	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	478786	36.675	ng	#	49
17) 2-Methylphenol	7.06	107	262173	35.341	ng	#	89
18) Hexachloroethane	7.29	117	104035	32.193	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	225884	36.050	ng		95
20) 3+4-Methylphenols	7.22	107	333615	42.439	ng	#	75
22) Acetophenone	7.21	105	407422	43.781	ng	#	93
24) Nitrobenzene	7.38	77	318547	39.285	ng		99
25) Isophorone	7.62	82	537637	36.580	ng		98
26) 2-Nitrophenol	7.70	139	132212	37.953	ng		98
27) 2,4-Dimethylphenol	7.73	122	235118	39.728	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	370050	39.636	ng		98
29) 2,4-Dichlorophenol	7.95	162	228188	39.027	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	244890	39.689	ng		96
31) Naphthalene	8.09	128	799097	38.920	ng		100
32) Benzoic acid	7.88	122	112639	31.523	ng		98
33) 4-Chloroaniline	8.16	127	329786	36.956	ng		99
34) Hexachlorobutadiene	8.20	225	150440	42.156	ng		97
35) Caprolactam	8.53	113	64120	31.583	ng		96
36) 4-Chloro-3-methylphenol	8.65	107	219971	34.230	ng		98
37) 2-Methylnaphthalene	8.79	142	483416	36.138	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	233141	46.380	ng	#	97
42) 2,4,6-Trichlorophenol	9.07	196	131450	43.437	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	121379	36.631	ng		96
45) 1,1'-Biphenyl	9.25	154	582789	44.138	ng		99
46) 2-Chloronaphthalene	9.27	162	421256	41.696	ng		97
47) 2-Nitroaniline	9.39	65	142943	40.956	ng		92
48) Acenaphthylene	9.69	152	633095	39.674	ng		99
49) Dimethylphthalate	9.55	163	495822	41.402	ng		99
50) 2,6-Dinitrotoluene	9.62	165	90400	37.141	ng	#	87
51) Acenaphthene	9.86	154	380652	39.704	ng		99
52) 3-Nitroaniline	9.80	138	122603	40.402	ng		98
54) Dibenzofuran	10.03	168	527844	43.324	ng		97
55) 4-Nitrophenol	10.00	139	36854	27.852	ng		94
56) 2,4-Dinitrotoluene	10.05	165	109578	39.958	ng	#	98
57) Fluorene	10.37	166	410709	39.848	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	90337	37.947	ng	#	86
59) Diethylphthalate	10.24	149	471103	39.724	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	209206	42.352	ng		91
61) 4-Nitroaniline	10.42	138	119699	39.243	ng		91
62) Azobenzene	10.52	77	425986	34.674	ng		98
65) n-Nitrosodiphenylamine	10.49	169	384654	41.323	ng		97
66) 4-Bromophenyl-phenylether	10.85	248	118253	41.747	ng		91
67) Hexachlorobenzene	10.93	284	120963	40.349	ng		94
68) Atrazine	11.01	200	91083	32.816	ng		98
69) Pentachlorophenol	11.14	266	48979	45.126	ng		99
70) Phenanthrene	11.35	178	564596	40.273	ng		99
71) Anthracene	11.40	178	584181	40.794	ng		99
72) Carbazole	11.56	167	550050	41.026	ng		100
73) Di-n-butylphthalate	11.86	149	691221	42.476	ng		99
74) Fluoranthene	12.54	202	645478	43.865	ng		97
76) Benzidine	12.66	184	359541	32.304	ng		99
77) Pyrene	12.77	202	685516	34.661	ng		99
79) Butylbenzylphthalate	13.36	149	311928	34.857	ng		97
80) Benzo(a)anthracene	13.96	228	660066	37.933	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	231471	40.796	ng		97
82) Chrysene	14.00	228	637449	38.799	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	412586	36.400	ng		100
84) Di-n-octyl phthalate	14.53	149	812355	40.187	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	468236m	32.004	ng		
87) Benzo(b)fluoranthene	15.01	252	558343	39.641	ng		99
88) Benzo(k)fluoranthene	15.04	252	603602	44.077	ng		98
89) Benzo(a)pyrene	15.38	252	510879	39.346	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	406850	36.495	ng		97
91) Benzo(g,h,i)perylene	17.37	276	379246	34.355	ng		96

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

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