Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100252.D
Acq On : 6 Nov 2017 15:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/7/2017 5:39:44 PM

Quant Time: Nov 07 10:30:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90328	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	375083	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	174228	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	316039	20.00	ng		0.00
75) Chrysene-d12	13.94	240	224122	20.00	ng		0.00
86) Perylene-d12	15.41	264	166875	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	511142	88.84	ng		0.00
7) Phenol-d6	6.42	99	590976	86.63	ng		0.00
23) Nitrobenzene-d5	7.34	82	478866	82.19	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	136324	85.86	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	947230	83.88	ng		0.00
78) Terphenyl-d14	12.87	244	906319	88.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	106310	41.842	ng	#	89
3) Pyridine	3.21	79	251333m	41.136	ng		
4) n-Nitrosodimethylamine	3.18	42	86127	39.458	ng	#	71
6) Aniline	6.43	93	376508	42.565	ng	#	85
8) 2-Chlorophenol	6.55	128	273218	44.556	ng		93
9) Benzaldehyde	6.33	77	152300	37.359	ng		89
10) Phenol	6.43	94	310821	41.497	ng	#	64
11) bis(2-Chloroethyl)ether	6.50	93	253962	43.907	ng		93
12) 1,3-Dichlorobenzene	6.70	146	296367	43.044	ng		96
13) 1,4-Dichlorobenzene	6.77	146	306564	43.871	ng		97
14) 1,2-Dichlorobenzene	6.93	146	274087	43.037	ng		97
15) Benzyl Alcohol	6.92	79	197413	45.502	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	263702	41.042	ng		62
17) 2-Methylphenol	7.03	107	222780	43.433	ng	#	93
18) Hexachloroethane	7.26	117	98388	42.203	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	178256	44.588	ng		90
20) 3+4-Methylphenols	7.19	107	290287	48.605	ng	#	83
22) Acetophenone	7.18	105	379400	44.425	ng	#	91
24) Nitrobenzene	7.36	77	246604	42.009	ng		88
25) Isophorone	7.59	82	441697	41.781	ng		95
26) 2-Nitrophenol	7.67	139	143889	42.796	ng		88
27) 2,4-Dimethylphenol	7.71	122	217958	43.997	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	312271	42.177	ng		99
29) 2,4-Dichlorophenol	7.92	162	232534	45.185	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	233445	42.455	ng		98
31) Naphthalene	8.06	128	775218	42.817	ng		100
32) Benzoic acid	7.90	122	162865	37.350	ng		96
33) 4-Chloroaniline	8.13	127	325865	43.586	ng	#	94
34) Hexachlorobutadiene	8.17	225	119593	42.285	ng		99
35) Caprolactam	8.52	113	71498m	44.179	ng		
36) 4-Chloro-3-methylphenol	8.63	107	232262	44.218	ng		90
37) 2-Methylnaphthalene	8.76	142	521081	42.946	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	245132	43.563	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	38307	42.852	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	142860	41.971	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	138059	38.222	ng		95
45) 1,1'-Biphenyl	9.22	154	674167	42.773	ng		99
46) 2-Chloronaphthalene	9.25	162	489657	42.778	ng		97
47) 2-Nitroaniline	9.36	65	129438	43.085	ng	#	83
48) Acenaphthylene	9.66	152	766436	43.473	ng		99
49) Dimethylphthalate	9.53	163	561949	40.729	ng		99
50) 2,6-Dinitrotoluene	9.60	165	124078	42.778	ng	#	81
51) Acenaphthene	9.83	154	467853	43.431	ng		99
52) 3-Nitroaniline	9.78	138	150355	43.993	ng		88
53) 2,4-Dinitrophenol	9.93	184	43557m	41.056	ng		
54) Dibenzofuran	10.00	168	675448	44.420	ng		100
55) 4-Nitrophenol	9.99	139	52519m	29.410	ng		
56) 2,4-Dinitrotoluene	10.02	165	172540	49.395	ng	#	77
57) Fluorene	10.35	166	546826	43.433	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	105728	41.748	ng		93
59) Diethylphthalate	10.22	149	557037	41.342	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	256187	43.236	ng		93
61) 4-Nitroaniline	10.40	138	144532	44.325	ng		83
62) Azobenzene	10.50	77	466893	41.337	ng		87
64) 4,6-Dinitro-2-methylphenol	10.44	198	83770	42.167	ng	#	70
65) n-Nitrosodiphenylamine	10.46	169	499183	42.788	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	144893	43.549	ng		92
67) Hexachlorobenzene	10.90	284	146875	43.150	ng		94
68) Atrazine	10.99	200	144576	41.255	ng		96
69) Pentachlorophenol	11.12	266	47062m	32.357	ng		
70) Phenanthrene	11.32	178	750139	42.059	ng		98
71) Anthracene	11.37	178	776899	42.913	ng		99
72) Carbazole	11.53	167	745517	43.790	ng		99
73) Di-n-butylphthalate	11.83	149	869373	40.036	ng		99
74) Fluoranthene	12.51	202	786352	42.425	ng		97
76) Benzidine	12.64	184	89715	9.148	ng		99
77) Pyrene	12.74	202	789635	46.334	ng		99
79) Butylbenzylphthalate	13.34	149	358141	42.676	ng	#	85
80) Benzo(a)anthracene	13.93	228	592217	41.682	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	190800	36.996	ng		97
82) Chrysene	13.97	228	577883	43.264	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	448714	38.075	ng		98
84) Di-n-octyl phthalate	14.50	149	756593	37.404	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.87	276	408585	33.321	ng		97
87) Benzo(b)fluoranthene	14.98	252	438940	41.656	ng		99
88) Benzo(k)fluoranthene	15.01	252	496371	49.955	ng		99
89) Benzo(a)pyrene	15.34	252	409634	43.277	ng		97
90) Dibenzo(a,h)anthracene	16.86	278	349210	41.520	ng		97
91) Benzo(g,h,i)perylene	17.32	276	346400	42.097	ng		100

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

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