Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100287.D
Acq On : 8 Nov 2017 12:54
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:29 PM

Quant Time: Nov 08 13:51:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 12:45:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184533	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	762893	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	370400	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	714423	20.00	ng		0.00
75) Chrysene-d12	14.07	240	537216	20.00	ng		0.00
86) Perylene-d12	15.54	264	460311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1304756	111.01	ng		0.00
7) Phenol-d6	6.53	99	1603875	115.08	ng		0.00
23) Nitrobenzene-d5	7.47	82	1446523	122.07	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	437062	129.48	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2510945	104.59	ng		0.00
78) Terphenyl-d14	13.02	244	2474687	100.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	323733	62.370	ng		92
3) Pyridine	3.50	79	923478	73.985	ng		94
4) n-Nitrosodimethylamine	3.46	42	455632	102.177	ng		93
6) Aniline	6.57	93	1179534	65.273	ng		99
8) 2-Chlorophenol	6.69	128	684663	54.654	ng		98
9) Benzaldehyde	6.46	77	556006	66.762	ng		99
10) Phenol	6.55	94	841084	54.966	ng		100
11) bis(2-Chloroethyl)ether	6.65	93	717246	60.699	ng		97
12) 1,3-Dichlorobenzene	6.85	146	791100	56.243	ng		99
13) 1,4-Dichlorobenzene	6.92	146	791957	55.476	ng		98
14) 1,2-Dichlorobenzene	7.07	146	719791	55.324	ng		99
15) Benzyl Alcohol	7.05	79	645934	72.877	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1156815	88.130	ng		97
17) 2-Methylphenol	7.15	107	611011	58.310	ng		97
18) Hexachloroethane	7.42	117	272081	57.127	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	568077	69.555	ng		95
20) 3+4-Methylphenols	7.31	107	734636	60.210	ng	#	75
22) Acetophenone	7.32	105	1005530	57.888	ng	#	93
24) Nitrobenzene	7.49	77	750912	62.892	ng		99
25) Isophorone	7.73	82	1423329	66.194	ng		99
26) 2-Nitrophenol	7.80	139	350334	51.230	ng		94
27) 2,4-Dimethylphenol	7.83	122	645433	64.057	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	895606	59.473	ng		99
29) 2,4-Dichlorophenol	8.04	162	625240	59.734	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	638475	57.089	ng		96
31) Naphthalene	8.21	128	2013341	54.673	ng		99
32) Benzoic acid	7.97	122	526446	59.359	ng		95
33) 4-Chloroaniline	8.26	127	827929	54.446	ng		99
34) Hexachlorobutadiene	8.32	225	377574	65.636	ng		97
35) Caprolactam	8.65	113	234913m	71.366	ng		
36) 4-Chloro-3-methylphenol	8.73	107	657083	61.504	ng		98
37) 2-Methylnaphthalene	8.90	142	1339423	54.275	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	677395	56.624	ng		98
40) Hexachlorocyclopentadiene	9.05	237	366291	212.420	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	467431	64.596	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	491567	64.015	ng		95
45) 1,1'-Biphenyl	9.36	154	1712840	51.117	ng		99
46) 2-Chloronaphthalene	9.39	162	1277116	52.481	ng		98
47) 2-Nitroaniline	9.49	65	422232	66.110	ng		98
48) Acenaphthylene	9.81	152	2105903	56.187	ng		99
49) Dimethylphthalate	9.67	163	1582347	53.945	ng		99
50) 2,6-Dinitrotoluene	9.73	165	343053	55.633	ng		97
51) Acenaphthene	9.98	154	1287008	56.198	ng		99
52) 3-Nitroaniline	9.90	138	402274	55.365	ng		99
53) 2,4-Dinitrophenol	9.99	184	132944	62.744	ng	#	23
54) Dibenzofuran	10.15	168	1763889	54.564	ng		97
55) 4-Nitrophenol	10.05	139	334843	88.200	ng		95
56) 2,4-Dinitrotoluene	10.13	165	447768	60.296	ng	#	98
57) Fluorene	10.49	166	1289712	48.185	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	390869	72.599	ng	#	88
59) Diethylphthalate	10.36	149	1557816	54.384	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	637344	50.596	ng		95
61) 4-Nitroaniline	10.52	138	378545	54.608	ng		95
62) Azobenzene	10.65	77	1460181	60.810	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	230605	51.349	ng		83
65) n-Nitrosodiphenylamine	10.60	169	1361578	51.629	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	432622	57.521	ng	#	87
67) Hexachlorobenzene	11.04	284	449812	58.458	ng	#	87
68) Atrazine	11.13	200	429197	54.178	ng		97
69) Pentachlorophenol	11.23	266	345324	105.029	ng		99
70) Phenanthrene	11.46	178	1978186	49.064	ng		99
71) Anthracene	11.51	178	2031541	49.640	ng		99
72) Carbazole	11.66	167	1884249	48.960	ng		99
73) Di-n-butylphthalate	11.99	149	2245575	45.746	ng		100
74) Fluoranthene	12.64	202	2122262	50.651	ng		98
76) Benzidine	12.76	184	1231511	52.389	ng	#	94
77) Pyrene	12.87	202	2137143	52.317	ng		98
79) Butylbenzylphthalate	13.49	149	946598	47.058	ng		97
80) Benzo(a)anthracene	14.06	228	1794405	52.690	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	662768	53.613	ng		97
82) Chrysene	14.10	228	1732548	54.113	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1219322	43.164	ng		99
84) Di-n-octyl phthalate	14.66	149	2097213	43.255	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	1420064	48.314	ng		96
87) Benzo(b)fluoranthene	15.12	252	1616346	55.609	ng		98
88) Benzo(k)fluoranthene	15.14	252	1486359	54.229	ng		98
89) Benzo(a)pyrene	15.49	252	1413568	54.139	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	1167955	50.342	ng		97
91) Benzo(g,h,i)perylene	17.50	276	1177589	51.881	ng		95

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

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