Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105145.D
Acq On : 8 May 2018 15:55
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF050818

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:49 PM

Quant Time: May 08 16:38:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	195435	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	802985	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	393213	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	760313	20.00	ng		0.00
75) Chrysene-d12	14.02	240	589651	20.00	ng		0.00
86) Perylene-d12	15.57	264	550654	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	868623	73.22	ng		0.00
7) Phenol-d6	6.42	99	1062972	75.25	ng		0.00
23) Nitrobenzene-d5	7.36	82	927016	78.24	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	333917	76.97	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1762491	69.57	ng		0.00
78) Terphenyl-d14	12.91	244	1738324	68.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	217591	34.691	ng		89
3) Pyridine	3.24	79	597082	35.496	ng		88
4) n-Nitrosodimethylamine	3.20	42	304317	35.694	ng		86
6) Aniline	6.46	93	736368	35.695	ng		95
8) 2-Chlorophenol	6.57	128	473593	37.634	ng		97
9) Benzaldehyde	6.35	77	387861	35.824	ng		98
10) Phenol	6.43	94	569863	36.252	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	455668	35.171	ng		94
12) 1,3-Dichlorobenzene	6.73	146	538630	35.510	ng		99
13) 1,4-Dichlorobenzene	6.81	146	539412	35.563	ng		99
14) 1,2-Dichlorobenzene	6.96	146	502292	35.900	ng		99
15) Benzyl Alcohol	6.93	79	412595	38.165	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	841614	34.956	ng		98
17) 2-Methylphenol	7.04	107	398619	36.687	ng		98
18) Hexachloroethane	7.30	117	184750	37.852	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	341239	36.487	ng		92
20) 3+4-Methylphenols	7.20	107	481111	37.679	ng	#	77
22) Acetophenone	7.20	105	643959	34.405	ng	#	93
24) Nitrobenzene	7.38	77	507507	37.778	ng		98
25) Isophorone	7.62	82	921494	34.777	ng		98
26) 2-Nitrophenol	7.69	139	217551	42.033	ng		100
27) 2,4-Dimethylphenol	7.72	122	442408	37.572	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	569598	34.832	ng		99
29) 2,4-Dichlorophenol	7.93	162	401624	36.458	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	442717	34.846	ng		100
31) Naphthalene	8.10	128	1330062	34.401	ng		99
32) Benzoic acid	7.83	122	273078	41.877	ng		98
33) 4-Chloroaniline	8.15	127	560731	34.877	ng		97
34) Hexachlorobutadiene	8.22	225	260006	35.327	ng		98
35) Caprolactam	8.52	113	123427m	36.893	ng		
36) 4-Chloro-3-methylphenol	8.62	107	413358	36.040	ng		94
37) 2-Methylnaphthalene	8.79	142	939347	34.856	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	434992	34.764	ng		98
40) Hexachlorocyclopentadiene	8.94	237	276912	40.927	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	282136	36.957	ng		96
43) 2,4,5-Trichlorophenol	9.10	196	306424	38.414	ng		90
45) 1,1'-Biphenyl	9.25	154	1112706	34.731	ng		99
46) 2-Chloronaphthalene	9.27	162	855733	35.738	ng		97
47) 2-Nitroaniline	9.37	65	264151	39.473	ng		88
48) Acenaphthylene	9.69	152	1302952	35.232	ng		99
49) Dimethylphthalate	9.56	163	980595	36.837	ng		99
50) 2,6-Dinitrotoluene	9.62	165	222674	38.551	ng		97
51) Acenaphthene	9.86	154	850983	35.705	ng		98
52) 3-Nitroaniline	9.79	138	242420	39.845	ng		92
53) 2,4-Dinitrophenol	9.88	184	85473	46.866	ng	#	20
54) Dibenzofuran	10.03	168	1222883	35.076	ng		99
55) 4-Nitrophenol	9.93	139	197160	38.373	ng		90
56) 2,4-Dinitrotoluene	10.02	165	292322	38.811	ng		96
57) Fluorene	10.38	166	879835	34.412	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	265570	37.298	ng	#	88
59) Diethylphthalate	10.26	149	975576	37.291	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	425100	35.716	ng		89
61) 4-Nitroaniline	10.40	138	233733	38.607	ng		99
62) Azobenzene	10.53	77	955061	34.996	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	122653	44.525	ng		84
65) n-Nitrosodiphenylamine	10.49	169	830509	35.042	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	285874	35.254	ng	#	86
67) Hexachlorobenzene	10.92	284	325677	34.857	ng	#	89
68) Atrazine	11.02	200	274504	36.954	ng		96
69) Pentachlorophenol	11.12	266	197184	37.531	ng		98
70) Phenanthrene	11.34	178	1383308	34.510	ng		99
71) Anthracene	11.39	178	1442062	35.406	ng		99
72) Carbazole	11.55	167	1277430	34.806	ng		99
73) Di-n-butylphthalate	11.88	149	1469350	37.431	ng		100
74) Fluoranthene	12.53	202	1487151	35.605	ng		98
76) Benzidine	12.66	184	838305	38.072	ng		96
77) Pyrene	12.76	202	1502312	35.029	ng		99
79) Butylbenzylphthalate	13.40	149	584222	39.173	ng		94
80) Benzo(a)anthracene	14.00	228	1260986	35.262	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	506945	37.707	ng	#	95
82) Chrysene	14.04	228	1290626	35.044	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	724262	40.845	ng		100
84) Di-n-octyl phthalate	14.70	149	1283106	38.856	ng		97
85) Indeno(1,2,3-cd)pyrene	17.02	276	1014183	34.750	ng		94
87) Benzo(b)fluoranthene	15.14	252	1240776	36.831	ng		98
88) Benzo(k)fluoranthene	15.17	252	1158051m	35.451	ng		
89) Benzo(a)pyrene	15.50	252	1109094	36.199	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	833824	35.039	ng		96
91) Benzo(g,h,i)perylene	17.45	276	834090	35.827	ng		95

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

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