Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106290.D
Acq On : 11 Jun 2018 13:06
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
6/12/2018 12:58:05 PM

Quant Time: Jun 11 14:00:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 13:10:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	200153	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	808905	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	394115	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	752084	20.00	ng		0.00
75) Chrysene-d12	14.16	240	621764	20.00	ng		0.00
86) Perylene-d12	15.69	264	487631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1134087	85.22	ng		0.00
7) Phenol-d6	6.59	99	1440519	91.10	ng		0.00
23) Nitrobenzene-d5	7.54	82	1380313	99.32	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	415562	81.61	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2086101	76.29	ng		0.00
78) Terphenyl-d14	13.09	244	2279752	78.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	304198	50.456	ng		97
3) Pyridine	3.61	79	841171	53.766	ng		99
4) n-Nitrosodimethylamine	3.58	42	395241	51.607	ng	#	98
6) Aniline	6.64	93	1066248	52.000	ng		96
8) 2-Chlorophenol	6.76	128	622789	44.062	ng		99
9) Benzaldehyde	6.52	77	528343	49.146	ng		97
10) Phenol	6.61	94	781094	43.296	ng		99
11) bis(2-Chloroethyl)ether	6.71	93	672428	50.717	ng		98
12) 1,3-Dichlorobenzene	6.91	146	717986	46.143	ng		98
13) 1,4-Dichlorobenzene	6.99	146	730411	45.970	ng		98
14) 1,2-Dichlorobenzene	7.14	146	681357	46.532	ng		99
15) Benzyl Alcohol	7.11	79	626874	51.095	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	981821	42.151	ng		98
17) 2-Methylphenol	7.21	107	558879	46.837	ng		98
18) Hexachloroethane	7.48	117	264006	45.987	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	521676	52.193	ng		96
20) 3+4-Methylphenols	7.37	107	702271	49.435	ng		96
22) Acetophenone	7.38	105	947064	50.961	ng	#	98
24) Nitrobenzene	7.56	77	743974	50.840	ng		98
25) Isophorone	7.80	82	1301823	49.488	ng		98
26) 2-Nitrophenol	7.87	139	308720	41.812	ng		90
27) 2,4-Dimethylphenol	7.90	122	571485	47.119	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	833605	51.665	ng		98
29) 2,4-Dichlorophenol	8.11	162	559602	49.238	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	597633	49.715	ng		93
31) Naphthalene	8.28	128	1680764	42.672	ng	#	93
32) Benzoic acid	8.02	122	411651m	45.689	ng		
33) 4-Chloroaniline	8.32	127	791669	48.411	ng		98
34) Hexachlorobutadiene	8.39	225	385486	59.525	ng		99
35) Caprolactam	8.71	113	186836	53.193	ng		88
36) 4-Chloro-3-methylphenol	8.80	107	599816	49.028	ng		96
37) 2-Methylnaphthalene	8.97	142	1166388	44.032	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	611072	51.394	ng		97
40) Hexachlorocyclopentadiene	9.12	237	382281	47.508	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	421767	52.167	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	450786	51.597	ng		96
45) 1,1'-Biphenyl	9.44	154	1379482	39.329	ng		96
46) 2-Chloronaphthalene	9.46	162	1142214	43.478	ng		97
47) 2-Nitroaniline	9.55	65	417312	47.279	ng		90
48) Acenaphthylene	9.88	152	1716793	42.637	ng	#	91
49) Dimethylphthalate	9.73	163	1323853	43.755	ng	#	97
50) 2,6-Dinitrotoluene	9.80	165	301807	45.308	ng		97
51) Acenaphthene	10.05	154	1131216	42.436	ng		97
52) 3-Nitroaniline	9.97	138	358267	46.678	ng		93
53) 2,4-Dinitrophenol	10.07	184	119361	30.490	ng	#	21
54) Dibenzofuran	10.22	168	1481230	41.365	ng	#	93
55) 4-Nitrophenol	10.11	139	278960	44.435	ng		86
56) 2,4-Dinitrotoluene	10.20	165	401732	46.358	ng		94
57) Fluorene	10.57	166	1166251	43.040	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	357996	49.595	ng	#	87
59) Diethylphthalate	10.43	149	1309987	43.400	ng	#	92
60) 4-Chlorophenyl-phenylether	10.55	204	629024	50.122	ng		92
61) 4-Nitroaniline	10.58	138	349823	45.586	ng		93
62) Azobenzene	10.71	77	1333392	45.138	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	204889	45.434	ng		85
65) n-Nitrosodiphenylamine	10.67	169	1203913	47.738	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	429276	51.311	ng	#	82
67) Hexachlorobenzene	11.11	284	439980	46.010	ng	#	85
68) Atrazine	11.20	200	401662	50.106	ng		98
69) Pentachlorophenol	11.30	266	302666	52.459	ng		98
70) Phenanthrene	11.53	178	1692676	39.936	ng		93
71) Anthracene	11.58	178	1698685	38.718	ng	#	91
72) Carbazole	11.74	167	1594496	41.522	ng		94
73) Di-n-butylphthalate	12.06	149	1790175	37.754	ng	#	97
74) Fluoranthene	12.72	202	1828433	43.396	ng		95
76) Benzidine	12.84	184	1010158	40.391	ng		96
77) Pyrene	12.95	202	1882154m	39.227	ng		
79) Butylbenzylphthalate	13.56	149	824931	39.028	ng		93
80) Benzo(a)anthracene	14.15	228	1775633	48.912	ng		94
81) 3,3'-Dichlorobenzidine	14.11	252	631234	45.186	ng	#	96
82) Chrysene	14.18	228	1606705	44.918	ng		92
83) Bis(2-ethylhexyl)phthalate	14.12	149	1109125	43.335	ng		99
84) Di-n-octyl phthalate	14.76	149	1609695	38.291	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	1431766	43.962	ng		94
87) Benzo(b)fluoranthene	15.24	252	1484894	51.087	ng		95
88) Benzo(k)fluoranthene	15.27	252	1451865	51.654	ng	#	96
89) Benzo(a)pyrene	15.63	252	1363729	50.387	ng		96
90) Dibenzo(a,h)anthracene	17.28	278	1218845	48.025	ng		96
91) Benzo(g,h,i)perylene	17.74	276	1179545	48.355	ng		93

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

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