Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106291.D
Acq On : 11 Jun 2018 13:32
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
6/12/2018 12:58:08 PM

Quant Time: Jun 11 14:04:54 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	195175	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	805185	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	385381	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	759196	20.00	ng		0.00
75) Chrysene-d12	14.16	240	622134	20.00	ng		0.00
86) Perylene-d12	15.69	264	498607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1301806	100.32	ng		0.00
7) Phenol-d6	6.60	99	1665235	107.99	ng		0.00
23) Nitrobenzene-d5	7.54	82	1604968	116.01	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	483186	97.04	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2282087	85.35	ng		0.00
78) Terphenyl-d14	13.09	244	2524792	87.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	351996	59.873	ng		96
3) Pyridine	3.61	79	996031	65.288	ng		98
4) n-Nitrosodimethylamine	3.58	42	464576	62.207	ng		97
6) Aniline	6.64	93	1276613	63.847	ng		97
8) 2-Chlorophenol	6.76	128	718623	52.139	ng		99
9) Benzaldehyde	6.52	77	570816	54.451	ng		98
10) Phenol	6.61	94	900886	51.209	ng		94
11) bis(2-Chloroethyl)ether	6.71	93	782971	60.561	ng		95
12) 1,3-Dichlorobenzene	6.91	146	832051	54.837	ng		98
13) 1,4-Dichlorobenzene	6.99	146	833127	53.772	ng		98
14) 1,2-Dichlorobenzene	7.15	146	761102	53.303	ng		97
15) Benzyl Alcohol	7.11	79	723663	60.488	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1123857	49.479	ng		97
17) 2-Methylphenol	7.21	107	661224	56.828	ng		98
18) Hexachloroethane	7.48	117	304165	54.334	ng		100
19) n-Nitroso-di-n-propylamine	7.39	70	607735	62.354	ng		96
20) 3+4-Methylphenols	7.37	107	801562	57.864	ng		90
22) Acetophenone	7.38	105	1084178	58.608	ng		99
24) Nitrobenzene	7.56	77	840378	57.693	ng		99
25) Isophorone	7.80	82	1536405	58.676	ng		98
26) 2-Nitrophenol	7.87	139	377905	51.419	ng		97
27) 2,4-Dimethylphenol	7.90	122	667619	55.300	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	961815	59.886	ng		97
29) 2,4-Dichlorophenol	8.11	162	655679	57.958	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	690143	57.676	ng		96
31) Naphthalene	8.28	128	1892690	48.274	ng	#	93
32) Benzoic acid	8.03	122	525496m	58.594	ng		
33) 4-Chloroaniline	8.32	127	896333	55.065	ng		96
34) Hexachlorobutadiene	8.39	225	440567	68.345	ng		99
35) Caprolactam	8.71	113	227138m	64.966	ng		
36) 4-Chloro-3-methylphenol	8.80	107	714774	58.695	ng		99
37) 2-Methylnaphthalene	8.97	142	1342099	50.899	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	703508	60.509	ng		98
40) Hexachlorocyclopentadiene	9.12	237	434694	55.246	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	495837	62.718	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	520671	60.946	ng		97
45) 1,1'-Biphenyl	9.44	154	1565358	45.640	ng		92
46) 2-Chloronaphthalene	9.46	162	1302055	50.686	ng		97
47) 2-Nitroaniline	9.55	65	497575	57.650	ng		87
48) Acenaphthylene	9.88	152	1941619	49.313	ng	#	91
49) Dimethylphthalate	9.74	163	1541142	52.091	ng	#	96
50) 2,6-Dinitrotoluene	9.80	165	362274	55.618	ng		94
51) Acenaphthene	10.05	154	1296982	49.758	ng		97
52) 3-Nitroaniline	9.97	138	423780	56.465	ng		98
53) 2,4-Dinitrophenol	10.07	184	152513	39.842	ng	#	23
54) Dibenzofuran	10.22	168	1680852	48.004	ng	#	88
55) 4-Nitrophenol	10.11	139	336573	54.828	ng		90
56) 2,4-Dinitrotoluene	10.20	165	469674	55.426	ng		97
57) Fluorene	10.57	166	1316734	49.694	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	426595	60.438	ng	#	87
59) Diethylphthalate	10.44	149	1485932	50.345	ng	#	91
60) 4-Chlorophenyl-phenylether	10.55	204	712915	58.094	ng		92
61) 4-Nitroaniline	10.59	138	414691	55.264	ng		94
62) Azobenzene	10.72	77	1500149	51.934	ng		89
64) 4,6-Dinitro-2-methylphenol	10.61	198	259102	56.918	ng		93
65) n-Nitrosodiphenylamine	10.68	169	1369820	53.807	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	495396	58.659	ng	#	84
67) Hexachlorobenzene	11.11	284	517043	53.563	ng	#	88
68) Atrazine	11.20	200	463587	57.289	ng		95
69) Pentachlorophenol	11.30	266	362057	62.164	ng		98
70) Phenanthrene	11.53	178	1879825	43.936	ng	#	91
71) Anthracene	11.58	178	1920173	43.356	ng	#	90
72) Carbazole	11.74	167	1816744	46.866	ng	#	90
73) Di-n-butylphthalate	12.06	149	1968544	41.126	ng	#	94
74) Fluoranthene	12.72	202	2073423	48.750	ng		95
76) Benzidine	12.84	184	1220569	48.775	ng	#	93
77) Pyrene	12.95	202	2145043	44.679	ng	#	88
79) Butylbenzylphthalate	13.56	149	954183	45.116	ng	#	94
80) Benzo(a)anthracene	14.15	228	2037662	56.096	ng	#	90
81) 3,3'-Dichlorobenzidine	14.11	252	722509	51.689	ng	#	96
82) Chrysene	14.19	228	1825051m	50.991	ng		
83) Bis(2-ethylhexyl)phthalate	14.12	149	1230470	48.048	ng	#	95
84) Di-n-octyl phthalate	14.76	149	1852131	44.032	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	1698981	52.136	ng		94
87) Benzo(b)fluoranthene	15.24	252	1742140	58.618	ng		94
88) Benzo(k)fluoranthene	15.28	252	1765681	61.436	ng	#	95
89) Benzo(a)pyrene	15.63	252	1644492	59.424	ng		96
90) Dibenzo(a,h)anthracene	17.28	278	1412844	54.443	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	1386163	55.574	ng	#	91

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

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