Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098462.D
Acq On : 12 Sep 2017 20:47
Operator : SJ/JU
Sample : I5140-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Manual Integrations APPROVED
Sohil
9/13/2017 5:00:10 PM

Quant Time: Sep 13 02:04:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	199236	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	794932	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	304436	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	461405	20.00	ng		0.00
75) Chrysene-d12	13.82	240	334858	20.00	ng		0.00
86) Perylene-d12	15.22	264	257402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1509460	112.02	ng		0.00
7) Phenol-d6	6.32	99	1826061	106.73	ng		0.00
23) Nitrobenzene-d5	7.24	82	1136581	79.71	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	226092	111.27	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1566680	87.22	ng		0.00
78) Terphenyl-d14	12.76	244	1047660	67.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	241714	34.753	ng		90
3) Pyridine	3.03	79	665734	36.043	ng	#	80
4) n-Nitrosodimethylamine	3.00	42	351691	38.838	ng		99
6) Aniline	6.33	93	551847	25.710	ng	#	1
8) 2-Chlorophenol	6.46	128	593919	40.082	ng		96
9) Benzaldehyde	6.21	77	129290	11.560	ng		92
10) Phenol	6.34	94	767147	38.603	ng		95
11) bis(2-Chloroethyl)ether	6.41	93	618296	41.266	ng		94
12) 1,3-Dichlorobenzene	6.60	146	594547	39.864	ng		97
13) 1,4-Dichlorobenzene	6.68	146	611104	40.002	ng		94
14) 1,2-Dichlorobenzene	6.83	146	553274	39.752	ng		99
15) Benzyl Alcohol	6.82	79	476468	41.845	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	940225	38.139	ng		70
17) 2-Methylphenol	6.94	107	469165	38.829	ng	#	88
18) Hexachloroethane	7.17	117	183769	31.411	ng		90
19) n-Nitroso-di-n-propylamine	7.09	70	430628	40.014	ng		99
20) 3+4-Methylphenols	7.10	107	623968	40.921	ng	#	64
22) Acetophenone	7.08	105	835828	40.682	ng	#	91
24) Nitrobenzene	7.26	77	639877	39.397	ng		98
25) Isophorone	7.50	82	1126116	39.034	ng		98
26) 2-Nitrophenol	7.57	139	263811	40.229	ng	#	81
27) 2,4-Dimethylphenol	7.62	122	465357	37.225	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	738481	41.950	ng		99
29) 2,4-Dichlorophenol	7.82	162	440063	42.326	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	468211	41.399	ng		100
31) Naphthalene	7.97	128	1623237	41.306	ng		99
32) Benzoic acid	7.73	122	47003	12.644	ng		99
33) 4-Chloroaniline	8.03	127	437052	27.365	ng		99
34) Hexachlorobutadiene	8.09	225	239537	41.256	ng		99
35) Caprolactam	8.40	113	140520m	39.194	ng		
36) 4-Chloro-3-methylphenol	8.53	107	479237	37.167	ng		85
37) 2-Methylnaphthalene	8.66	142	997129	41.889	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	400071	42.188	ng		99
40) Hexachlorocyclopentadiene	8.81	237	20682	16.363	ng		100

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098462.D
Acq On : 12 Sep 2017 20:47
Operator : SJ/JU
Sample : I5140-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Manual Integrations APPROVED
Sohil
9/13/2017 5:00:10 PM

Quant Time: Sep 13 02:04:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	255138	45.805	ng		90
43) 2,4,5-Trichlorophenol	9.00	196	262666	45.116	ng		91
45) 1,1'-Biphenyl	9.13	154	1130240	41.478	ng		98
46) 2-Chloronaphthalene	9.15	162	836730	42.997	ng	#	93
47) 2-Nitroaniline	9.26	65	337371	45.168	ng		97
48) Acenaphthylene	9.56	152	1184214	40.927	ng		99
49) Dimethylphthalate	9.43	163	1272937	54.016	ng		100
50) 2,6-Dinitrotoluene	9.50	165	202610	41.856	ng	#	85
51) Acenaphthene	9.73	154	737740	40.110	ng		98
52) 3-Nitroaniline	9.66	138	233832	40.017	ng		95
53) 2,4-Dinitrophenol	9.79	184	2208	9.387	ng	#	80
54) Dibenzofuran	9.90	168	1017024	41.972	ng		98
55) 4-Nitrophenol	9.85	139	255453	76.092	ng	#	45
56) 2,4-Dinitrotoluene	9.90	165	215655	36.645	ng	#	55
57) Fluorene	10.25	166	765297	38.158	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	174871	44.693	ng		95
59) Diethylphthalate	10.13	149	942855	42.069	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	374234	40.399	ng		90
61) 4-Nitroaniline	10.28	138	226451	38.374	ng		88
62) Azobenzene	10.40	77	893183	36.977	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	6322	6.967	ng		86
65) n-Nitrosodiphenylamine	10.36	169	700386	46.748	ng		97
66) 4-Bromophenyl-phenylether	10.73	248	207252	47.327	ng		96
67) Hexachlorobenzene	10.79	284	190218	42.823	ng	#	84
68) Atrazine	10.89	200	202612	43.928	ng		96
69) Pentachlorophenol	10.99	266	133116	68.766	ng		95
70) Phenanthrene	11.20	178	1122092	45.874	ng		99
71) Anthracene	11.26	178	1066743	42.477	ng		99
72) Carbazole	11.42	167	944785	40.367	ng		99
73) Di-n-butylphthalate	11.75	149	1252673	44.670	ng		99
74) Fluoranthene	12.39	202	1132226	46.238	ng		99
76) Benzidine	12.52	184	322010	21.728	ng	#	92
77) Pyrene	12.62	202	1147212	43.429	ng		100
79) Butylbenzylphthalate	13.24	149	480756	41.951	ng	#	79
80) Benzo(a)anthracene	13.80	228	848842	43.237	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	278137	36.455	ng	#	97
82) Chrysene	13.84	228	832134	41.932	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	644331	44.800	ng	#	99
84) Di-n-octyl phthalate	14.41	149	1149914	46.600	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	529977	38.065	ng		99
87) Benzo(b)fluoranthene	14.82	252	685326m	42.344	ng		
88) Benzo(k)fluoranthene	14.85	252	651043	43.089	ng		96
89) Benzo(a)pyrene	15.16	252	608497	42.201	ng		99
90) Dibenzo(a,h)anthracene	16.57	278	444432	42.372	ng		97
91) Benzo(g,h,i)perylene	16.96	276	425866	40.367	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098462.D
Acq On : 12 Sep 2017 20:47
Operator : SJ/JU
Sample : I5140-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 13 02:04:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Manual Integrations APPROVED
Sohil
9/13/2017 5:00:10 PM