Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116339.D
Acq On : 17 Aug 2019 1:10
Operator : HP/JU
Sample : K4355-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054MSD

Manual Integrations APPROVED
mohammad
8/20/2019 8:37:16 AM

Quant Time: Aug 19 01:04:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	140510	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	547595	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	273541	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	409085	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	245036	20.00	ng		-0.03
87) Perylene-d12	15.44	264	290078	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	714619	85.14	ng		-0.02
7) Phenol-d6	6.46	99	904800	85.44	ng		-0.02
23) Nitrobenzene-d5	7.39	82	580175	61.16	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	195850	73.85	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1001435	68.57	ng		-0.04
79) Terphenyl-d14	12.92	244	805457	69.26	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	170555	40.223	ng		98
3) Pyridine	3.39	79	441871	37.305	ng		100
4) n-Nitrosodimethylamine	3.36	42	195856	41.900	ng		98
6) Aniline	6.49	93	442985	29.210	ng	#	83
8) 2-Chlorophenol	6.61	128	443616	47.796	ng		97
9) Benzaldehyde	6.37	77	211914	29.002	ng		98
10) Phenol	6.48	94	563416	45.180	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	430111	46.912	ng		99
12) 1,3-Dichlorobenzene	6.76	146	468075	43.638	ng		99
13) 1,4-Dichlorobenzene	6.83	146	483313	45.001	ng		99
14) 1,2-Dichlorobenzene	6.99	146	443771	44.874	ng		98
15) Benzyl Alcohol	6.97	79	358264	44.580	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	544987	43.579	ng		76
17) 2-Methylphenol	7.08	107	359451	45.738	ng		96
18) Hexachloroethane	7.32	117	171928	43.480	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	299869	45.697	ng		98
20) 3+4-Methylphenols	7.24	107	448539	48.229	ng	#	80
22) Acetophenone	7.23	105	586588	48.844	ng		95
24) Nitrobenzene	7.40	77	486560	47.500	ng		100
25) Isophorone	7.64	82	877778	48.390	ng		98
26) 2-Nitrophenol	7.72	139	238429	49.379	ng		95
27) 2,4-Dimethylphenol	7.76	122	382182	52.610	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	536486	47.716	ng		100
29) 2,4-Dichlorophenol	7.97	162	377120	49.167	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	400038	45.753	ng		99
31) Naphthalene	8.12	128	1232533	47.831	ng		99
32) Benzoic acid	7.93	122	237736	46.418	ng		98
33) 4-Chloroaniline	8.17	127	235959	20.494	ng		99
34) Hexachlorobutadiene	8.23	225	226405	44.956	ng		99
35) Caprolactam	8.55	113	116315m	46.887	ng		
36) 4-Chloro-3-methylphenol	8.67	107	380080	47.632	ng		100
37) 2-Methylnaphthalene	8.81	142	801673	47.238	ng		100
38) 1-Methylnaphthalene	8.91	142	749903	46.708	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	362303	49.543	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116339.D
Acq On : 17 Aug 2019 1:10
Operator : HP/JU
Sample : K4355-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054MSD

Manual Integrations APPROVED
mohammad
8/20/2019 8:37:16 AM

Quant Time: Aug 19 01:04:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	87707	30.660	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	233721	46.433	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	244236	46.940	ng		99
46) 1,1'-Biphenyl	9.27	154	955997	49.503	ng		98
47) 2-Chloronaphthalene	9.30	162	752863	46.840	ng		99
48) 2-Nitroaniline	9.40	65	241835	45.519	ng		93
49) Acenaphthylene	9.72	152	1109072	47.297	ng		98
50) Dimethylphthalate	9.57	163	1045551	56.137	ng		100
51) 2,6-Dinitrotoluene	9.65	165	196690	48.595	ng		96
52) Acenaphthene	9.89	154	682846	47.467	ng		99
53) 3-Nitroaniline	9.82	138	142197	28.432	ng		99
54) 2,4-Dinitrophenol	9.94	184	51344	30.318	ng		98
55) Dibenzofuran	10.06	168	945851	45.211	ng		98
56) 4-Nitrophenol	10.00	139	237805	74.226	ng		96
57) 2,4-Dinitrotoluene	10.06	165	225635	41.870	ng		91
58) Fluorene	10.40	166	761432	47.306	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	202652	46.294	ng		98
60) Diethylphthalate	10.27	149	828020	47.618	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	383344	47.026	ng		97
62) 4-Nitroaniline	10.43	138	173799	33.626	ng		98
63) Azobenzene	10.55	77	821532	45.933	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	52067	24.017	ng		93
66) n-Nitrosodiphenylamine	10.51	169	668365	54.281	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	224841	51.342	ng		98
68) Hexachlorobenzene	10.96	284	238714	47.140	ng		99
69) Atrazine	11.04	200	201670	49.786	ng		98
70) Pentachlorophenol	11.16	266	200884	81.710	ng		98
71) Phenanthrene	11.37	178	1088385	52.043	ng		100
72) Anthracene	11.42	178	1047948	49.513	ng		99
73) Carbazole	11.57	167	905633	47.163	ng		100
74) Di-n-butylphthalate	11.89	149	1125086	50.227	ng		99
75) Fluoranthene	12.56	202	1097812	50.142	ng		98
77) Benzidine	12.67	184	209176	25.268	ng		98
78) Pyrene	12.79	202	1059498	57.360	ng		99
80) Butylbenzylphthalate	13.39	149	525394	67.243	ng		96
81) Benzo(a)anthracene	13.97	228	820013	52.357	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	136209	25.033	ng		99
83) Chrysene	14.01	228	809462	53.236	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	604363	59.523	ng		100
85) Di-n-octyl phthalate	14.55	149	934617	57.952	ng		98
86) Indeno(1,2,3-cd)pyrene	16.91	276	832907	65.220	ng		99
88) Benzo(b)fluoranthene	15.02	252	886432	52.850	ng		99
89) Benzo(k)fluoranthene	15.04	252	718939	44.007	ng	#	98
90) Benzo(a)pyrene	15.38	252	793174	52.901	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	677166	52.176	ng		98
92) Benzo(g,h,i)perylene	17.34	276	688211	53.994	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116339.D
Acq On : 17 Aug 2019 1:10
Operator : HP/JU
Sample : K4355-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 19 01:04:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054MSD

Manual Integrations APPROVED
mohammad
8/20/2019 8:37:16 AM