Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115452.D
Acq On : 10 Jul 2019 13:35
Operator : HP/JU
Sample : PB121133BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 10 17:00:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	173310	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	699508	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	342381	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	653226	20.00	ng		0.00
76) Chrysene-d12	14.07	240	420389	20.00	ng		0.00
87) Perylene-d12	15.58	264	343180	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1321356	117.80	ng		0.02
7) Phenol-d6	6.53	99	1700952	119.23	ng		0.00
23) Nitrobenzene-d5	7.46	82	1033230	87.27	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	498547	131.70	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1830408	93.81	ng		0.00
79) Terphenyl-d14	13.01	244	1858890	90.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	219779	39.945	ng		99
3) Pyridine	3.56	79	563699	37.051	ng		99
4) n-Nitrosodimethylamine	3.51	42	225483	36.548	ng		99
6) Aniline	6.56	93	626758	31.133	ng		99
8) 2-Chlorophenol	6.69	128	541615	42.761	ng		96
9) Benzaldehyde	6.44	77	289034	34.215	ng		96
10) Phenol	6.54	94	687580	40.283	ng		95
11) bis(2-Chloroethyl)ether	6.63	93	522450	41.259	ng		99
12) 1,3-Dichlorobenzene	6.84	146	569619	41.049	ng		99
13) 1,4-Dichlorobenzene	6.92	146	579612	41.699	ng		98
14) 1,2-Dichlorobenzene	7.07	146	533009	41.418	ng		97
15) Benzyl Alcohol	7.03	79	481748	42.082	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	688284	38.874	ng		99
17) 2-Methylphenol	7.15	107	463285	42.695	ng		100
18) Hexachloroethane	7.41	117	213247	41.183	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	377419	39.104	ng		95
20) 3+4-Methylphenols	7.30	107	546033	42.600	ng		93
22) Acetophenone	7.30	105	739644	44.127	ng	#	99
24) Nitrobenzene	7.47	77	594024	44.427	ng		96
25) Isophorone	7.72	82	1087893	42.393	ng		100
26) 2-Nitrophenol	7.79	139	299032	54.399	ng		100
27) 2,4-Dimethylphenol	7.83	122	523691	49.961	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	671452	42.432	ng		100
29) 2,4-Dichlorophenol	8.03	162	480174	45.993	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	518169	44.583	ng		98
31) Naphthalene	8.20	128	1547206	44.531	ng		100
32) Benzoic acid	7.96	122	380701	49.622	ng		100
33) 4-Chloroaniline	8.24	127	375431	24.218	ng		99
34) Hexachlorobutadiene	8.32	225	291458	44.219	ng		99
35) Caprolactam	8.62	113	149364m	43.927	ng		
36) 4-Chloro-3-methylphenol	8.73	107	492815	44.627	ng		98
37) 2-Methylnaphthalene	8.89	142	1047304	45.097	ng		99
38) 1-Methylnaphthalene	8.99	142	986001	44.498	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	462863	46.992	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115452.D
Acq On : 10 Jul 2019 13:35
Operator : HP/JU
Sample : PB121133BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:03 PM

Quant Time: Jul 10 17:00:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	504506	88.372	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	338136	47.154	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	350301	47.111	ng	97
46) 1,1'-Biphenyl	9.36	154	1259293	46.786	ng	100
47) 2-Chloronaphthalene	9.38	162	1003576	45.113	ng	98
48) 2-Nitroaniline	9.47	65	294307	45.030	ng	99
49) Acenaphthylene	9.80	152	1504149	44.659	ng	99
50) Dimethylphthalate	9.66	163	1146876	44.629	ng	100
51) 2,6-Dinitrotoluene	9.72	165	266574	47.830	ng	97
52) Acenaphthene	9.97	154	1047764	49.429	ng	98
53) 3-Nitroaniline	9.88	138	208285	32.177	ng	96
54) 2,4-Dinitrophenol	9.99	184	269013	108.031	ng	91
55) Dibenzofuran	10.15	168	1350579	45.231	ng	100
56) 4-Nitrophenol	10.05	139	452832	90.419	ng	97
57) 2,4-Dinitrotoluene	10.12	165	349266	49.311	ng	93
58) Fluorene	10.49	166	985031	41.848	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	295810	46.051	ng	99
60) Diethylphthalate	10.36	149	1091802	43.164	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	507545	44.178	ng	99
62) 4-Nitroaniline	10.50	138	278013	43.755	ng	95
63) Azobenzene	10.64	77	1091351	41.856	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	178933	55.710	ng	99
66) n-Nitrosodiphenylamine	10.60	169	928903	45.132	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	326722	44.575	ng	99
68) Hexachlorobenzene	11.04	284	361933	44.005	ng	99
69) Atrazine	11.12	200	297106	46.644	ng	100
70) Pentachlorophenol	11.23	266	435388	86.861	ng	100
71) Phenanthrene	11.44	178	1479274	43.059	ng	99
72) Anthracene	11.50	178	1540074	44.704	ng	100
73) Carbazole	11.65	167	1351169	42.872	ng	100
74) Di-n-butylphthalate	11.98	149	1617593	42.468	ng	99
75) Fluoranthene	12.63	202	1539447	42.558	ng	99
77) Benzidine	12.75	184	593016	36.174	ng	98
78) Pyrene	12.86	202	1551686	47.465	ng	99
80) Butylbenzylphthalate	13.48	149	679282	47.557	ng	100
81) Benzo(a)anthracene	14.06	228	1181038	43.846	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	363359	37.177	ng	98
83) Chrysene	14.10	228	1226216	44.306	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	837148	47.326	ng	100
85) Di-n-octyl phthalate	14.70	149	1390963	44.172	ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	1064679	47.267	ng	100
88) Benzo(b)fluoranthene	15.14	252	1122635	50.243	ng	99
89) Benzo(k)fluoranthene	15.18	252	985372	49.587	ng	98
90) Benzo(a)pyrene	15.52	252	977061	50.699	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	883030	53.620	ng	100
92) Benzo(g,h,i)perylene	17.53	276	886720	56.887	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115452.D
Acq On : 10 Jul 2019 13:35
Operator : HP/JU
Sample : PB121133BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 10 17:00:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:03 PM