Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119607.D
Acq On : 28 Mar 2020 10:01
Operator : CG/JU
Sample : L2049-07MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MSD

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:15 AM

Quant Time: Mar 29 23:40:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	262022	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1023734	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	533814	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	983974	20.00	ng		0.00
76) Chrysene-d12	14.01	240	566279	20.00	ng		0.00
87) Perylene-d12	15.47	264	481808	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1804151	109.61	ng		0.01
7) Phenol-d6	6.46	99	2431384	115.64	ng		0.00
23) Nitrobenzene-d5	7.40	82	1479683	78.55	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	667098	121.13	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2569851	71.32	ng		0.00
79) Terphenyl-d14	12.95	244	2349075	81.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	357002	43.916	ng		99
3) Pyridine	3.39	79	957042	42.733	ng		95
4) n-Nitrosodimethylamine	3.34	42	502946	46.051	ng		98
6) Aniline	6.49	93	975550	33.617	ng		99
8) 2-Chlorophenol	6.62	128	1031867	59.689	ng		99
9) Benzaldehyde	6.38	77	559396	41.939	ng		99
10) Phenol	6.47	94	1274483	56.807	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	919452	51.242	ng		99
12) 1,3-Dichlorobenzene	6.77	146	963619	51.502	ng		97
13) 1,4-Dichlorobenzene	6.85	146	960817	51.340	ng		99
14) 1,2-Dichlorobenzene	7.00	146	967368	55.301	ng		98
15) Benzyl Alcohol	6.97	79	843268	53.317	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1846954	51.030	ng		99
17) 2-Methylphenol	7.09	107	832470	52.558	ng		99
18) Hexachloroethane	7.35	117	368036	53.662	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	701419	55.346	ng		99
20) 3+4-Methylphenols	7.24	107	996692	51.345	ng	#	86
22) Acetophenone	7.25	105	1295957	52.979	ng	#	93
24) Nitrobenzene	7.42	77	998559	49.604	ng		100
25) Isophorone	7.66	82	1859567	48.666	ng		99
26) 2-Nitrophenol	7.73	139	531291	67.030	ng		91
27) 2,4-Dimethylphenol	7.77	122	817456	49.877	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1174701	51.989	ng		99
29) 2,4-Dichlorophenol	7.97	162	782113	51.936	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	794873	47.729	ng		97
31) Naphthalene	8.14	128	2692294	51.104	ng		99
32) Benzoic acid	7.90	122	657150	62.333	ng		96
33) 4-Chloroaniline	8.19	127	341276	14.137	ng		97
34) Hexachlorobutadiene	8.26	225	476828	51.173	ng		100
35) Caprolactam	8.57	113	261228m	53.004	ng		
36) 4-Chloro-3-methylphenol	8.67	107	855153	51.956	ng		100
37) 2-Methylnaphthalene	8.83	142	1786622	51.674	ng		99
38) 1-Methylnaphthalene	8.93	142	1679360	51.316	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	787627	50.339	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119607.D
Acq On : 28 Mar 2020 10:01
Operator : CG/JU
Sample : L2049-07MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MSD

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:15 AM

Quant Time: Mar 29 23:40:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	883121	99.280 ng	100
43) 2,4,6-Trichlorophenol	9.11	196	580501	51.844 ng	98
44) 2,4,5-Trichlorophenol	9.15	196	638783	50.926 ng	97
46) 1,1'-Biphenyl	9.30	154	2118301	48.723 ng	99
47) 2-Chloronaphthalene	9.33	162	1755984	51.562 ng	97
48) 2-Nitroaniline	9.42	65	620324	52.772 ng	92
49) Acenaphthylene	9.74	152	2601506	48.645 ng	99
50) Dimethylphthalate	9.60	163	2166301	57.133 ng	99
51) 2,6-Dinitrotoluene	9.66	165	450542	55.436 ng	91
52) Acenaphthene	9.92	154	1774423	53.222 ng	99
53) 3-Nitroaniline	9.83	138	257042	25.051 ng	98
54) 2,4-Dinitrophenol	9.94	184	409030	113.010 ng	95
55) Dibenzofuran	10.09	168	2342533	49.006 ng	98
56) 4-Nitrophenol	9.99	139	773913	95.613 ng	99
57) 2,4-Dinitrotoluene	10.07	165	601579	58.758 ng	95
58) Fluorene	10.43	166	1787250	50.561 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	516316	55.069 ng	98
60) Diethylphthalate	10.30	149	1968804	51.160 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	869907	50.325 ng	100
62) 4-Nitroaniline	10.45	138	472016	47.973 ng	97
63) Azobenzene	10.58	77	1916124	49.444 ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	283731	68.765 ng	89
66) n-Nitrosodiphenylamine	10.54	169	1636585	50.665 ng	100
67) 4-Bromophenyl-phenylether	10.91	248	563935	50.323 ng	97
68) Hexachlorobenzene	10.97	284	617103	53.805 ng	100
69) Atrazine	11.07	200	537174	60.659 ng	97
70) Pentachlorophenol	11.17	266	707048	105.136 ng	96
71) Phenanthrene	11.39	178	2556960	50.115 ng	99
72) Anthracene	11.44	178	2613015	50.390 ng	99
73) Carbazole	11.60	167	2423741	47.222 ng	100
74) Di-n-butylphthalate	11.93	149	2955553	53.829 ng	99
75) Fluoranthene	12.58	202	2446072	44.299 ng	100
77) Benzidine	12.70	184	1086309	45.329 ng	99
78) Pyrene	12.81	202	2440866	52.521 ng	100
80) Butylbenzylphthalate	13.43	149	1128053	60.014 ng	97
81) Benzo(a)anthracene	14.00	228	1791242	48.643 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	437906	30.160 ng	98
83) Chrysene	14.04	228	1849986	48.679 ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1458871	65.107 ng	100
85) Di-n-octyl phthalate	14.60	149	2353758	59.728 ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1971483	55.081 ng	99
88) Benzo(b)fluoranthene	15.04	252	1645301	51.121 ng	98
89) Benzo(k)fluoranthene	15.07	252	1585145	51.724 ng	100
90) Benzo(a)pyrene	15.41	252	1454693	49.735 ng	98
91) Dibenzo(a,h)anthracene	16.95	278	1608397	62.869 ng	97
92) Benzo(g,h,i)perylene	17.38	276	1630254	63.430 ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119607.D
Acq On : 28 Mar 2020 10:01
Operator : CG/JU
Sample : L2049-07MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 29 23:40:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MSD

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:15 AM