Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119604.D
Acq On : 28 Mar 2020 8:41
Operator : CG/JU
Sample : L2053-04MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMS

Manual Integrations APPROVED
mohammad
3/31/2020 8:13:59 AM

Quant Time: Mar 29 23:01:23 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	291813	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1156512	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	607377	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1247944	20.00	ng		0.00
76) Chrysene-d12	14.01	240	786712	20.00	ng		0.00
87) Perylene-d12	15.47	264	729157	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2243858	122.41	ng		0.02
7) Phenol-d6	6.46	99	2618411	111.82	ng		0.00
23) Nitrobenzene-d5	7.40	82	2054909	96.57	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	953493	152.17	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3800660	92.70	ng		0.00
79) Terphenyl-d14	12.96	244	4315905	107.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	370456	40.918	ng	#	84
3) Pyridine	3.48	79	878572	35.225	ng		94
4) n-Nitrosodimethylamine	3.41	42	549107	45.145	ng		93
6) Aniline	6.49	93	463185	14.332	ng		99
8) 2-Chlorophenol	6.62	128	1068741	55.511	ng		99
9) Benzaldehyde	6.38	77	586391	39.475	ng		95
10) Phenol	6.47	94	1093123	43.749	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	1040940	52.090	ng		99
12) 1,3-Dichlorobenzene	6.77	146	1000206	48.000	ng		98
13) 1,4-Dichlorobenzene	6.85	146	1008662	48.394	ng		98
14) 1,2-Dichlorobenzene	7.00	146	948927	48.709	ng		99
15) Benzyl Alcohol	6.97	79	899558	51.069	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1960702	48.643	ng		99
17) 2-Methylphenol	7.09	107	854562	48.445	ng		99
18) Hexachloroethane	7.35	117	379930	49.741	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	752588	53.321	ng		98
20) 3+4-Methylphenols	7.24	107	984207	45.526	ng	#	80
22) Acetophenone	7.25	105	1388543	50.247	ng	#	93
24) Nitrobenzene	7.42	77	1122080	49.341	ng		98
25) Isophorone	7.66	82	2161543	50.074	ng		99
26) 2-Nitrophenol	7.73	139	579004	64.663	ng		91
27) 2,4-Dimethylphenol	7.77	122	982924	53.088	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	1363088	53.400	ng		99
29) 2,4-Dichlorophenol	7.97	162	891541	52.406	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	937514	49.830	ng		100
31) Naphthalene	8.14	128	2991582	50.266	ng		100
32) Benzoic acid	7.89	122	644956	54.153	ng		94
33) 4-Chloroaniline	8.19	127	159209	5.838	ng		95
34) Hexachlorobutadiene	8.26	225	524709	49.846	ng		99
35) Caprolactam	8.57	113	209588m	37.643	ng		
36) 4-Chloro-3-methylphenol	8.67	107	1001878	53.882	ng		98
37) 2-Methylnaphthalene	8.83	142	2106824	53.939	ng		99
38) 1-Methylnaphthalene	8.93	142	2021396	54.676	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	881456	49.512	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119604.D
Acq On : 28 Mar 2020 8:41
Operator : CG/JU
Sample : L2053-04MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-SAMS

Manual Integrations APPROVED
mohammad
3/31/2020 8:13:59 AM

Quant Time: Mar 29 23:01:23 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	926508	91.543	ng		100
43) 2,4,6-Trichlorophenol	9.11	196	705400	55.369	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	690140	48.357	ng		99
46) 1,1'-Biphenyl	9.30	154	2511404	50.768	ng		99
47) 2-Chloronaphthalene	9.33	162	1943877	50.166	ng		98
48) 2-Nitroaniline	9.42	65	737640	55.152	ng		97
49) Acenaphthylene	9.75	152	3045352	50.047	ng		100
50) Dimethylphthalate	9.61	163	2542798	58.940	ng		100
51) 2,6-Dinitrotoluene	9.66	165	538833	58.269	ng	#	88
52) Acenaphthene	9.92	154	2097116	55.283	ng		99
53) 3-Nitroaniline	9.83	138	166666	14.276	ng		96
54) 2,4-Dinitrophenol	9.94	184	452951	110.182	ng		95
55) Dibenzofuran	10.09	168	2738793	50.356	ng		97
56) 4-Nitrophenol	10.00	139	776028	84.262	ng		93
57) 2,4-Dinitrotoluene	10.07	165	710414	60.985	ng		98
58) Fluorene	10.43	166	2096993	52.139	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	590064	55.312	ng		98
60) Diethylphthalate	10.31	149	2345387	53.564	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	1002491	50.971	ng		97
62) 4-Nitroaniline	10.46	138	534077	47.706	ng		93
63) Azobenzene	10.59	77	2254267	51.124	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	327266	62.539	ng		99
66) n-Nitrosodiphenylamine	10.55	169	1965627	47.979	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	726531	51.119	ng		94
68) Hexachlorobenzene	10.98	284	775844	53.336	ng		93
69) Atrazine	11.07	200	641060	57.078	ng		98
70) Pentachlorophenol	11.17	266	845459	99.125	ng		98
71) Phenanthrene	11.40	178	3235396	49.999	ng		99
72) Anthracene	11.45	178	3296261	50.121	ng		99
73) Carbazole	11.60	167	3113789	47.834	ng		99
74) Di-n-butylphthalate	11.93	149	3718434	53.399	ng		98
75) Fluoranthene	12.58	202	3424963	48.907	ng		98
77) Benzidine	12.70	184	1478856	44.418	ng		98
78) Pyrene	12.81	202	3420116	52.972	ng		100
80) Butylbenzylphthalate	13.43	149	1636432	62.666	ng		97
81) Benzo(a)anthracene	14.00	228	2472111	48.322	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	325970	16.160	ng		98
83) Chrysene	14.04	228	2626443	49.745	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1977155	63.514	ng		98
85) Di-n-octyl phthalate	14.60	149	3471885	63.416	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2690254	54.102	ng		98
88) Benzo(b)fluoranthene	15.04	252	2660396	54.620	ng		97
89) Benzo(k)fluoranthene	15.08	252	2244680	48.398	ng		99
90) Benzo(a)pyrene	15.42	252	2235810	50.510	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	2212096	57.135	ng		98
92) Benzo(g,h,i)perylene	17.39	276	2272823	58.433	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119604.D
Acq On : 28 Mar 2020 8:41
Operator : CG/JU
Sample : L2053-04MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Mar 29 23:01:23 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 :
TP-13-SAMS

Manual Integrations APPROVED
mohammad
3/31/2020 8:13:59 AM