Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120294.D
Acq On : 14 May 2020 16:53
Operator : MA/SJ
Sample : PB128874BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128874BS

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:49 PM

Quant Time: May 14 17:49:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	375912	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1517557	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	776071	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1640727	20.00	ng		0.00
76) Chrysene-d12	13.79	240	1050537	20.00	ng		0.00
87) Perylene-d12	15.17	264	983093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2112093	109.32	ng		0.01
7) Phenol-d6	6.28	99	2617825	107.15	ng		0.00
23) Nitrobenzene-d5	7.20	82	1692180	76.34	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	776897	122.78	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	3030375	80.22	ng		0.00
79) Terphenyl-d14	12.73	244	3513391	73.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	306242	39.847	ng		96
3) Pyridine	2.94	79	669523	27.713	ng		99
4) n-Nitrosodimethylamine	2.89	42	346702	36.651	ng		98
6) Aniline	6.29	93	813576	26.038	ng		88
8) 2-Chlorophenol	6.41	128	871849	38.703	ng		98
9) Benzaldehyde	6.17	77	540513	35.887	ng		97
10) Phenol	6.29	94	1034028	36.255	ng		90
11) bis(2-Chloroethyl)ether	6.37	93	805681	35.364	ng		99
12) 1,3-Dichlorobenzene	6.56	146	854290	35.441	ng		98
13) 1,4-Dichlorobenzene	6.64	146	898154	36.177	ng		96
14) 1,2-Dichlorobenzene	6.79	146	804709	35.994	ng		99
15) Benzyl Alcohol	6.78	79	645712	37.201	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1294523	36.056	ng		99
17) 2-Methylphenol	6.90	107	675502	35.522	ng		97
18) Hexachloroethane	7.13	117	332208	35.126	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	586737	36.657	ng		99
20) 3+4-Methylphenols	7.06	107	867661	35.093	ng		98
22) Acetophenone	7.04	105	1158759	37.272	ng	#	98
24) Nitrobenzene	7.22	77	877122	36.770	ng		100
25) Isophorone	7.46	82	1654386	35.873	ng		99
26) 2-Nitrophenol	7.53	139	473260	37.934	ng		93
27) 2,4-Dimethylphenol	7.58	122	743306	40.958	ng		97
28) bis(2-Chloroethoxy)methane	7.67	93	1082014	37.327	ng		99
29) 2,4-Dichlorophenol	7.78	162	706786	37.920	ng		99
30) 1,2,4-Trichlorobenzene	7.85	180	755606	36.583	ng		99
31) Naphthalene	7.93	128	2389841	37.313	ng		99
32) Benzoic acid	7.74	122	437835	36.806	ng		99
33) 4-Chloroaniline	7.99	127	422127	14.462	ng		97
34) Hexachlorobutadiene	8.05	225	428102	35.859	ng		93
35) Caprolactam	8.37	113	225321m	36.951	ng		
36) 4-Chloro-3-methylphenol	8.49	107	762839	37.833	ng		99
37) 2-Methylnaphthalene	8.62	142	1618358	36.924	ng		98
38) 1-Methylnaphthalene	8.72	142	1564980	36.815	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	727220	37.162	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120294.D
Acq On : 14 May 2020 16:53
Operator : MA/SJ
Sample : PB128874BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:49 PM

Quant Time: May 14 17:49:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	645781	80.000	ng	98
43) 2,4,6-Trichlorophenol	8.91	196	477954	36.386	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	526831	34.924	ng	98
46) 1,1'-Biphenyl	9.09	154	1989202	39.120	ng	98
47) 2-Chloronaphthalene	9.11	162	1491391	36.564	ng	98
48) 2-Nitroaniline	9.22	65	519925	34.936	ng	97
49) Acenaphthylene	9.53	152	2344855	37.634	ng	99
50) Dimethylphthalate	9.40	163	1754092	35.755	ng	100
51) 2,6-Dinitrotoluene	9.46	165	391206	35.728	ng	90
52) Acenaphthene	9.70	154	1366658	36.594	ng	98
53) 3-Nitroaniline	9.63	138	221499	16.964	ng	99
54) 2,4-Dinitrophenol	9.75	184	374146	72.390	ng	93
55) Dibenzofuran	9.87	168	2010004	37.373	ng	98
56) 4-Nitrophenol	9.82	139	475131	67.721	ng	91
57) 2,4-Dinitrotoluene	9.87	165	465217	36.220	ng	98
58) Fluorene	10.22	166	1574756	38.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	432710	38.116	ng	97
60) Diethylphthalate	10.10	149	1778305	37.546	ng	100
61) 4-Chlorophenyl-phenylether	10.20	204	774268	36.359	ng	97
62) 4-Nitroaniline	10.25	138	397385	32.683	ng	98
63) Azobenzene	10.37	77	1870054	41.776	ng	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	283596	34.178	ng	93
66) n-Nitrosodiphenylamine	10.33	169	1496623	32.971	ng	99
67) 4-Bromophenyl-phenylether	10.69	248	554388	34.821	ng	98
68) Hexachlorobenzene	10.76	284	586986	35.241	ng	98
69) Atrazine	10.86	200	471563	34.718	ng	98
70) Pentachlorophenol	10.96	266	509197	71.879	ng	99
71) Phenanthrene	11.17	178	2480556	35.980	ng	99
72) Anthracene	11.23	178	2753170	37.302	ng	100
73) Carbazole	11.39	167	2481444	35.983	ng	99
74) Di-n-butylphthalate	11.72	149	3075971	37.010	ng	100
75) Fluoranthene	12.36	202	2768852	37.470	ng	100
77) Benzidine	12.49	184	1262665	41.159	ng	97
78) Pyrene	12.59	202	2802477	37.420	ng	100
80) Butylbenzylphthalate	13.21	149	1298035	36.807	ng	99
81) Benzo(a)anthracene	13.77	228	1968773	35.532	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	521212	24.962	ng	99
83) Chrysene	13.82	228	2194680	36.886	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1576598	35.933	ng	99
85) Di-n-octyl phthalate	14.39	149	2957046	37.463	ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1781843	32.996	ng	100
88) Benzo(b)fluoranthene	14.79	252	2045911	38.107	ng	98
89) Benzo(k)fluoranthene	14.82	252	1781382	38.297	ng	99
90) Benzo(a)pyrene	15.12	252	1740782	36.154	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1482005	34.743	ng	100
92) Benzo(g,h,i)perylene	16.91	276	1473046	34.245	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120294.D
Acq On : 14 May 2020 16:53
Operator : MA/SJ
Sample : PB128874BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 14 17:49:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:49 PM