Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118747.D
Acq On : 29 Jan 2020 22:28
Operator : CG/JU
Sample : L1013-12MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:23 AM

Quant Time: Jan 30 01:38:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	285138	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1056364	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	557831	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	949884	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	630111	20.00	ng	-0.02
87) Perylene-d12	15.46	264	722376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1883377	122.67	ng	0.00
7) Phenol-d6	6.49	99	2128374	106.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1645096	87.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	863068	133.77	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3119332	91.91	ng	-0.01
79) Terphenyl-d14	12.95	244	3323325	115.04	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.82	88	299742	40.309	ng	# 87
3) Pyridine	3.52	79	377651	18.019	ng	99
4) n-Nitrosodimethylamine	3.45	42	335746	37.366	ng	99
6) Aniline	6.51	93	233986	8.905	ng	100
8) 2-Chlorophenol	6.63	128	881422	51.149	ng	99
9) Benzaldehyde	6.40	77	436346	35.956	ng	98
10) Phenol	6.50	94	888982	39.092	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	814400	48.269	ng	98
12) 1,3-Dichlorobenzene	6.79	146	969519	48.068	ng	99
13) 1,4-Dichlorobenzene	6.87	146	982578	48.530	ng	100
14) 1,2-Dichlorobenzene	7.02	146	903499	47.470	ng	99
15) Benzyl Alcohol	6.99	79	736736	46.557	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	955299	40.650	ng	98
17) 2-Methylphenol	7.10	107	682211	47.528	ng	99
18) Hexachloroethane	7.36	117	345717	47.090	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	577968	42.896	ng	100
20) 3+4-Methylphenols	7.26	107	781249	44.579	ng	# 82
22) Acetophenone	7.26	105	1104268	44.128	ng	97
24) Nitrobenzene	7.43	77	877699	45.388	ng	100
25) Isophorone	7.67	82	1598708	46.411	ng	99
26) 2-Nitrophenol	7.75	139	475291	57.636	ng	99
27) 2,4-Dimethylphenol	7.79	122	727505	51.089	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1005058	45.282	ng	100
29) 2,4-Dichlorophenol	7.99	162	757279	48.106	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	858636	47.043	ng	100
31) Naphthalene	8.15	128	2426904	50.858	ng	99
32) Benzoic acid	7.90	122	383932	35.924	ng	97
33) 4-Chloroaniline	8.19	127	118717	5.383	ng	99
34) Hexachlorobutadiene	8.27	225	514310	46.270	ng	98
35) Caprolactam	8.56	113	176373m	34.237	ng	
36) 4-Chloro-3-methylphenol	8.68	107	749075	48.188	ng	99
37) 2-Methylnaphthalene	8.85	142	1691477	50.217	ng	99
38) 1-Methylnaphthalene	8.95	142	1598002	49.937	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	820929	47.033	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118747.D
Acq On : 29 Jan 2020 22:28
Operator : CG/JU
Sample : L1013-12MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:23 AM

Quant Time: Jan 30 01:38:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	822432	93.392	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	572949	49.468	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	589361	49.824	ng		99
46) 1,1'-Biphenyl	9.31	154	1986337	51.666	ng		100
47) 2-Chloronaphthalene	9.33	162	1597720	49.305	ng		100
48) 2-Nitroaniline	9.42	65	426407	42.807	ng		98
49) Acenaphthylene	9.75	152	2409472	52.854	ng		99
50) Dimethylphthalate	9.61	163	1968213	54.156	ng		99
51) 2,6-Dinitrotoluene	9.67	165	435269	53.484	ng		91
52) Acenaphthene	9.92	154	1576123	51.705	ng		100
53) 3-Nitroaniline	9.83	138	100301	10.793	ng		98
54) 2,4-Dinitrophenol	9.94	184	276471	85.094	ng	#	91
55) Dibenzofuran	10.09	168	2161289	51.162	ng		99
56) 4-Nitrophenol	10.00	139	586159	83.555	ng		97
57) 2,4-Dinitrotoluene	10.07	165	562046	54.783	ng		94
58) Fluorene	10.43	166	1601684	48.297	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	491193	47.211	ng		100
60) Diethylphthalate	10.31	149	1733996	49.209	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	850185	47.136	ng		97
62) 4-Nitroaniline	10.45	138	359058	37.668	ng		95
63) Azobenzene	10.59	77	1559277	45.691	ng		98
65) 4,6-Dinitro-2-methylphenol	10.48	198	241371	57.787	ng		95
66) n-Nitrosodiphenylamine	10.55	169	1493274	52.128	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	576996	49.167	ng		98
68) Hexachlorobenzene	10.99	284	638769	48.010	ng		98
69) Atrazine	11.07	200	530362	53.416	ng		100
70) Pentachlorophenol	11.17	266	649341	87.780	ng		99
71) Phenanthrene	11.40	178	2315080	50.518	ng		100
72) Anthracene	11.44	178	2399968	52.927	ng		99
73) Carbazole	11.60	167	2028603	48.774	ng		100
74) Di-n-butylphthalate	11.93	149	2457851	53.189	ng		100
75) Fluoranthene	12.58	202	2356046	48.745	ng		99
77) Benzidine	12.69	184	209705	12.456	ng		100
78) Pyrene	12.81	202	2352432	54.990	ng		100
80) Butylbenzylphthalate	13.43	149	999129	57.068	ng		97
81) Benzo(a)anthracene	14.00	228	1926869	50.835	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	232684	17.227	ng		98
83) Chrysene	14.03	228	1904904	52.437	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1318807	61.656	ng		98
85) Di-n-octyl phthalate	14.60	149	2215059	69.963	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2650762	83.978	ng		100
88) Benzo(b)fluoranthene	15.04	252	2045622	45.051	ng		99
89) Benzo(k)fluoranthene	15.07	252	2033075	48.329	ng		100
90) Benzo(a)pyrene	15.40	252	1922111	49.072	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	2175475	62.789	ng		99
92) Benzo(g,h,i)perylene	17.37	276	2268686	67.439	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118747.D
Acq On : 29 Jan 2020 22:28
Operator : CG/JU
Sample : L1013-12MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 01:38:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:23 AM