Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120599.D
Acq On : 11 Jun 2020 13:32
Operator : JU/CG
Sample : L1161-01
Misc : LOD-MDL-SOIL-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:42:44 AM

Quant Time: Jun 11 14:23:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 14:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147006	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	538051	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	259712	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	511172	20.00	ng		0.00
76) Chrysene-d12	13.96	240	290366	20.00	ng		0.00
86) Perylene-d12	15.40	264	325909	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1189014	138.67	ng		0.00
7) Phenol-d6	6.43	99	1482839	138.85	ng		0.00
23) Nitrobenzene-d5	7.36	82	945137	98.19	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	453822	150.30	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1585203	93.39	ng		0.00
79) Terphenyl-d14	12.91	244	1934227	147.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	19015	4.679	ng		99
3) Pyridine	3.29	79	34377	3.009	ng		98
4) n-Nitrosodimethylamine	3.15	42	20743	4.375	ng	#	94
6) Aniline	6.46	93	67829	4.963	ng		100
8) 2-Chlorophenol	6.59	128	46400	4.789	ng		97
9) Benzaldehyde	6.35	77	39449	5.840	ng		92
10) Phenol	6.45	94	60438	5.304	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	46705	4.921	ng		99
12) 1,3-Dichlorobenzene	6.74	146	51307	4.981	ng		97
13) 1,4-Dichlorobenzene	6.82	146	51701	5.087	ng		97
14) 1,2-Dichlorobenzene	6.97	146	49008	4.950	ng		99
15) Benzyl Alcohol	6.93	79	49044	6.476	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	67380	4.931	ng		100
17) 2-Methylphenol	7.05	107	36774	4.450	ng		98
18) Hexachloroethane	7.31	117	18214	4.864	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	32496	5.246	ng		99
20) 3+4-Methylphenols	7.20	107	46664	4.519	ng	#	75
22) Acetophenone	7.20	105	68940	5.731	ng		96
24) Nitrobenzene	7.38	77	50954	5.058	ng		99
25) Isophorone	7.62	82	88850	4.739	ng		97
26) 2-Nitrophenol	7.69	139	21612	4.056	ng		99
27) 2,4-Dimethylphenol	7.73	122	24807	3.162	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	57107	5.254	ng		99
29) 2,4-Dichlorophenol	7.94	162	36605	4.589	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	43046	4.870	ng		95
31) Naphthalene	8.10	128	143349	5.426	ng		98
33) 4-Chloroaniline	8.15	127	56710	4.676	ng		98
34) Hexachlorobutadiene	8.22	225	25115	4.875	ng		99
35) Caprolactam	8.48	113	12615	4.945	ng		99
36) 4-Chloro-3-methylphenol	8.63	107	38986	4.893	ng		96
37) 2-Methylnaphthalene	8.79	142	93979	5.449	ng		98
38) 1-Methylnaphthalene	8.89	142	84719	5.220	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	42062	5.424	ng		100
41) Hexachlorocyclopentadiene	8.95	237	14457	3.327	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120599.D
Acq On : 11 Jun 2020 13:32
Operator : JU/CG
Sample : L1161-01
Misc : LOD-MDL-SOIL-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:42:44 AM

Quant Time: Jun 11 14:23:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 14:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	23566	4.284	ng		96
44) 2,4,5-Trichlorophenol	9.11	196	26031	4.171	ng		97
46) 1,1'-Biphenyl	9.26	154	115025	5.931	ng		97
47) 2-Chloronaphthalene	9.28	162	81849	5.161	ng		98
48) 2-Nitroaniline	9.37	65	20170	4.050	ng		97
49) Acenaphthylene	9.69	152	129991	5.311	ng		99
50) Dimethylphthalate	9.55	163	95035	5.081	ng		98
51) 2,6-Dinitrotoluene	9.61	165	17893	4.221	ng		94
52) Acenaphthene	9.86	154	77655	5.320	ng		97
53) 3-Nitroaniline	9.78	138	20665	4.059	ng		95
55) Dibenzofuran	10.04	168	125164	5.592	ng		97
56) 4-Nitrophenol	9.95	139	13926	3.632	ng		99
57) 2,4-Dinitrotoluene	10.02	165	23476	4.174	ng		95
58) Fluorene	10.38	166	94778	5.493	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	21645	4.408	ng	#	98
60) Diethylphthalate	10.25	149	94905	5.152	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	47687	5.352	ng		93
62) 4-Nitroaniline	10.39	138	20121	3.981	ng		99
63) Azobenzene	10.53	77	88426	5.288	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	8673	2.828	ng		99
66) n-Nitrosodiphenylamine	10.49	169	81080	5.165	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	28229	4.866	ng		95
68) Hexachlorobenzene	10.93	284	32476	5.207	ng		96
69) Atrazine	11.02	200	27000	5.558	ng		98
70) Pentachlorophenol	11.13	266	9918	2.860	ng		98
71) Phenanthrene	11.34	178	137307	5.404	ng		98
72) Anthracene	11.39	178	139860	5.461	ng		98
73) Carbazole	11.55	167	125508	4.950	ng		99
74) Di-n-butylphthalate	11.88	149	146935	5.155	ng		99
75) Fluoranthene	12.53	202	158767	5.465	ng		98
77) Benzidine	12.65	184	71212m	7.252	ng		
78) Pyrene	12.76	202	165654	8.053	ng		98
80) Butylbenzylphthalate	13.37	149	59071	6.467	ng		96
81) Benzo(a)anthracene	13.94	228	99369	5.696	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	37993	5.702	ng		99
83) Chrysene	13.98	228	98895	5.527	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	61573	5.524	ng		99
85) Di-n-octyl phthalate	14.55	149	102377	4.812	ng		99
87) Indeno(1,2,3-cd)pyrene	16.81	276	106093	5.352	ng		99
88) Benzo(b)fluoranthene	14.97	252	97290	5.011	ng		98
89) Benzo(k)fluoranthene	15.00	252	92088	5.361	ng		99
90) Benzo(a)pyrene	15.33	252	85933	4.946	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	89177	5.610	ng		98
92) Benzo(g,h,i)perylene	17.23	276	90130	5.625	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120599.D
Acq On : 11 Jun 2020 13:32
Operator : JU/CG
Sample : L1161-01
Misc : LOD-MDL-SOIL-5PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 14:23:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 14:06:19 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:42:44 AM