Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118202.D
Acq On : 16 Dec 2019 17:53
Operator : JU
Sample : K6110-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219MS

Manual Integrations APPROVED
mohammad
12/17/2019 3:19:23 PM

Quant Time: Dec 17 03:29:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98839	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	377506	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	199735	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	375022	20.00	ng		0.00
76) Chrysene-d12	14.06	240	274064	20.00	ng		0.00
87) Perylene-d12	15.55	264	255367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	672132	119.10	ng		0.01
7) Phenol-d6	6.50	99	773730	113.36	ng		0.00
23) Nitrobenzene-d5	7.43	82	552407	82.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	316032	130.25	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1139395	86.80	ng		-0.01
79) Terphenyl-d14	13.00	244	1409094	88.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	81272	34.155	ng		98
3) Pyridine	3.46	79	167714	27.319	ng		96
4) n-Nitrosodimethylamine	3.38	42	103851	39.323	ng		94
6) Aniline	6.53	93	85891	9.837	ng	#	85
8) 2-Chlorophenol	6.65	128	270444	42.501	ng		97
9) Benzaldehyde	6.42	77	71036	15.463	ng		99
10) Phenol	6.51	94	271892	34.929	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	231830	41.179	ng		98
12) 1,3-Dichlorobenzene	6.80	146	301271	40.530	ng		99
13) 1,4-Dichlorobenzene	6.88	146	302042	40.353	ng		98
14) 1,2-Dichlorobenzene	7.03	146	287101	40.844	ng		97
15) Benzyl Alcohol	7.01	79	229836	43.137	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	275829	40.748	ng		95
17) 2-Methylphenol	7.12	107	209876	41.469	ng		99
18) Hexachloroethane	7.37	117	110489	40.060	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	178660	43.075	ng		97
20) 3+4-Methylphenols	7.27	107	266767	41.964	ng	#	85
22) Acetophenone	7.27	105	380176	41.918	ng	#	96
24) Nitrobenzene	7.45	77	268921	40.790	ng		98
25) Isophorone	7.69	82	486992	42.811	ng		98
26) 2-Nitrophenol	7.77	139	150695	42.765	ng		98
27) 2,4-Dimethylphenol	7.80	122	237384	50.504	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	304623	40.982	ng		99
29) 2,4-Dichlorophenol	8.01	162	233888	42.684	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	260289	40.647	ng		99
31) Naphthalene	8.17	128	811054	42.779	ng		100
32) Benzoic acid	7.92	122	146308	34.475	ng		95
33) 4-Chloroaniline	8.22	127	40090	4.897	ng		99
34) Hexachlorobutadiene	8.29	225	150832	39.280	ng		98
35) Caprolactam	8.59	113	54878m	32.476	ng		
36) 4-Chloro-3-methylphenol	8.71	107	243323	42.197	ng		98
37) 2-Methylnaphthalene	8.87	142	557240	43.414	ng		100
38) 1-Methylnaphthalene	8.97	142	515053	42.737	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	248476	41.066	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118202.D
Acq On : 16 Dec 2019 17:53
Operator : JU
Sample : K6110-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-121219MS

Manual Integrations APPROVED
mohammad
12/17/2019 3:19:23 PM

Quant Time: Dec 17 03:29:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	253709	93.585	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	171363	42.417	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	181211	43.295	ng		97
46) 1,1'-Biphenyl	9.33	154	674553	42.821	ng		98
47) 2-Chloronaphthalene	9.36	162	522518	41.235	ng		97
48) 2-Nitroaniline	9.46	65	143356	39.671	ng		96
49) Acenaphthylene	9.77	152	835850	44.722	ng		99
50) Dimethylphthalate	9.63	163	666597	45.183	ng		99
51) 2,6-Dinitrotoluene	9.70	165	137676	42.916	ng		94
52) Acenaphthene	9.95	154	481384	42.198	ng		98
53) 3-Nitroaniline	9.87	138	32266	8.547	ng		95
54) 2,4-Dinitrophenol	9.98	184	135102	84.649	ng		94
55) Dibenzofuran	10.12	168	732207	43.804	ng		99
56) 4-Nitrophenol	10.04	139	196062	74.832	ng		94
57) 2,4-Dinitrotoluene	10.10	165	183504	42.856	ng		98
58) Fluorene	10.46	166	576554	43.403	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	150054	43.455	ng		99
60) Diethylphthalate	10.33	149	607883	41.820	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	284711	42.597	ng		98
62) 4-Nitroaniline	10.49	138	145259	36.891	ng		99
63) Azobenzene	10.62	77	534505	43.075	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	91005	43.941	ng		99
66) n-Nitrosodiphenylamine	10.57	169	504294	43.061	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	176177	41.154	ng	#	89
68) Hexachlorobenzene	11.02	284	205263	40.737	ng		97
69) Atrazine	11.10	200	151587	50.851	ng		99
70) Pentachlorophenol	11.22	266	215161	90.801	ng		96
71) Phenanthrene	11.43	178	861730	43.225	ng		100
72) Anthracene	11.49	178	898242	45.166	ng		99
73) Carbazole	11.64	167	787614	44.140	ng		100
74) Di-n-butylphthalate	11.97	149	967893	43.343	ng		98
75) Fluoranthene	12.63	202	901166	44.213	ng		99
77) Benzidine	12.74	184	280589	38.891	ng		97
78) Pyrene	12.86	202	908526	42.066	ng		98
80) Butylbenzylphthalate	13.47	149	408535	41.768	ng		99
81) Benzo(a)anthracene	14.05	228	791334	41.758	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	99081	15.920	ng		95
83) Chrysene	14.09	228	767729	42.411	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	570002	44.195	ng		100
85) Di-n-octyl phthalate	14.64	149	891980	45.655	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	719477	47.237	ng		100
88) Benzo(b)fluoranthene	15.12	252	705504	41.773	ng		98
89) Benzo(k)fluoranthene	15.14	252	675648	41.643	ng		98
90) Benzo(a)pyrene	15.49	252	655639	43.954	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	603528	47.173	ng		99
92) Benzo(g,h,i)perylene	17.52	276	607918	49.448	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118202.D
Acq On : 16 Dec 2019 17:53
Operator : JU
Sample : K6110-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 17 03:29:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HD-02-121219MS

Manual Integrations APPROVED
mohammad
12/17/2019 3:19:23 PM