Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119971.D
Acq On : 14 Apr 2020 23:57
Operator : MA/SJ
Sample : L2195-04MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:51:37 PM

Quant Time: Apr 15 04:10:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178851	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	705098	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	366182	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	718751	20.00	ng	0.00
76) Chrysene-d12	13.90	240	500844	20.00	ng	0.00
87) Perylene-d12	15.33	264	416598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1044362	100.91	ng	0.00
7) Phenol-d6	6.37	99	1375650	103.16	ng	0.00
23) Nitrobenzene-d5	7.30	82	950174	69.72	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	531499	118.55	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2082653	80.75	ng	0.00
79) Terphenyl-d14	12.86	244	2691132	90.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	91561	19.864	ng	# 81
3) Pyridine	3.18	79	221968	17.551	ng	94
4) n-Nitrosodimethylamine	3.10	42	170599	26.402	ng	91
6) Aniline	6.40	93	443019	25.311	ng	99
8) 2-Chlorophenol	6.52	128	448985	38.828	ng	99
9) Benzaldehyde	6.28	77	108257	9.423	ng	100
10) Phenol	6.39	94	535583	35.402	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	406204	34.774	ng	100
12) 1,3-Dichlorobenzene	6.67	146	382907	30.247	ng	99
13) 1,4-Dichlorobenzene	6.75	146	393296	30.498	ng	100
14) 1,2-Dichlorobenzene	6.90	146	379884	31.965	ng	97
15) Benzyl Alcohol	6.88	79	373954	36.105	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	742566	32.668	ng	96
17) 2-Methylphenol	7.00	107	404385	39.187	ng	97
18) Hexachloroethane	7.25	117	149066	30.930	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	341651	39.842	ng	97
20) 3+4-Methylphenols	7.15	107	496353	39.328	ng	93
22) Acetophenone	7.15	105	623241	37.747	ng	98
24) Nitrobenzene	7.32	77	489785	35.723	ng	99
25) Isophorone	7.56	82	1013802	38.587	ng	99
26) 2-Nitrophenol	7.64	139	257616	37.609	ng	95
27) 2,4-Dimethylphenol	7.68	122	427581	41.389	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	610698	39.501	ng	100
29) 2,4-Dichlorophenol	7.88	162	435799	41.154	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	401872	33.493	ng	98
31) Naphthalene	8.05	128	1351657	36.436	ng	99
32) Benzoic acid	7.81	122	339225	37.388	ng	94
33) 4-Chloroaniline	8.09	127	387750	24.009	ng	98
34) Hexachlorobutadiene	8.16	225	220919	30.758	ng	99
35) Caprolactam	8.47	113	113148m	34.930	ng	
36) 4-Chloro-3-methylphenol	8.58	107	522375	45.564	ng	98
37) 2-Methylnaphthalene	8.74	142	994141	39.527	ng	98
38) 1-Methylnaphthalene	8.83	142	945391	39.880	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	435954	37.694	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119971.D
Acq On : 14 Apr 2020 23:57
Operator : MA/SJ
Sample : L2195-04MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:51:37 PM

Quant Time: Apr 15 04:10:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	398572	60.604	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	343804	43.048	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	393692	43.767	ng	96
46) 1,1'-Biphenyl	9.20	154	1267430	41.007	ng	99
47) 2-Chloronaphthalene	9.23	162	978421	41.093	ng	99
48) 2-Nitroaniline	9.32	65	399217	46.268	ng	97
49) Acenaphthylene	9.65	152	1595667	44.067	ng	100
50) Dimethylphthalate	9.52	163	1298523	45.846	ng	98
51) 2,6-Dinitrotoluene	9.57	165	291451	46.990	ng	96
52) Acenaphthene	9.82	154	1153102m	47.739	ng	
53) 3-Nitroaniline	9.74	138	240723	33.982	ng	93
54) 2,4-Dinitrophenol	9.85	184	315501	84.963	ng	92
55) Dibenzofuran	9.99	168	1486853	44.858	ng	98
56) 4-Nitrophenol	9.91	139	440385	83.554	ng	96
57) 2,4-Dinitrotoluene	9.97	165	393179	48.114	ng	93
58) Fluorene	10.33	166	1166899	44.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	341115	49.583	ng	97
60) Diethylphthalate	10.21	149	1357516	46.244	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	566970	41.730	ng	97
62) 4-Nitroaniline	10.36	138	322184	47.725	ng	100
63) Azobenzene	10.49	77	1259450	47.873	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	217269	45.884	ng	98
66) n-Nitrosodiphenylamine	10.45	169	1116058	46.690	ng	98
67) 4-Bromophenyl-phenylether	10.82	248	368819	41.262	ng	94
68) Hexachlorobenzene	10.88	284	393392	43.384	ng	96
69) Atrazine	10.97	200	348539	52.406	ng	96
70) Pentachlorophenol	11.07	266	436512	83.535	ng	98
71) Phenanthrene	11.29	178	1795516	46.938	ng	98
72) Anthracene	11.35	178	1858084	47.549	ng	99
73) Carbazole	11.50	167	1734267	46.930	ng	99
74) Di-n-butylphthalate	11.83	149	2208782	45.467	ng	99
75) Fluoranthene	12.48	202	1993446	48.298	ng	98
77) Benzidine	12.60	184	129688	7.660	ng	96
78) Pyrene	12.71	202	1987140	47.064	ng	100
80) Butylbenzylphthalate	13.33	149	930796	45.432	ng	94
81) Benzo(a)anthracene	13.90	228	1550094	47.046	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	488615	39.744	ng	96
83) Chrysene	13.93	228	1593248	47.590	ng	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1230145	44.339	ng	98
85) Di-n-octyl phthalate	14.50	149	2224502	47.090	ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1306291	44.264	ng	96
88) Benzo(b)fluoranthene	14.93	252	1506790	50.278	ng	100
89) Benzo(k)fluoranthene	14.96	252	1289222	49.858	ng	100
90) Benzo(a)pyrene	15.27	252	1204756	47.812	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	1095234	49.069	ng	98
92) Benzo(g,h,i)perylene	17.14	276	1079406	48.992	ng	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119971.D
Acq On : 14 Apr 2020 23:57
Operator : MA/SJ
Sample : L2195-04MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Apr 15 04:10:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:51:37 PM