Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115338.D
Acq On : 1 Jul 2019 15:08
Operator : HP/JU
Sample : K3158-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MSD

Manual Integrations APPROVED
mohammad
7/2/2019 2:53:36 PM

Quant Time: Jul 02 08:50:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	253863	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	967993	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	474171	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	912034	20.00	ng		0.01
76) Chrysene-d12	13.73	240	594751	20.00	ng		0.01
87) Perylene-d12	15.11	264	755588	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1659116	100.85	ng		0.04
7) Phenol-d6	6.25	99	1972554	98.79	ng		0.02
23) Nitrobenzene-d5	7.17	82	1393447	88.55	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	637852	127.56	ng		0.01
45) 2-Fluorobiphenyl	8.97	172	2647114	94.83	ng		0.00
79) Terphenyl-d14	12.69	244	2662070	95.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	240549	30.983	ng	#	85
3) Pyridine	3.00	79	593234	27.110	ng		98
4) n-Nitrosodimethylamine	2.92	42	273579	31.891	ng		94
6) Aniline	6.27	93	192916	7.030	ng	#	1
8) 2-Chlorophenol	6.40	128	672720	36.367	ng		96
9) Benzaldehyde	6.15	77	286159	21.967	ng		96
10) Phenol	6.27	94	682075	29.162	ng		92
11) bis(2-Chloroethyl)ether	6.35	93	622619	36.113	ng		99
12) 1,3-Dichlorobenzene	6.54	146	707263	34.451	ng		98
13) 1,4-Dichlorobenzene	6.62	146	719185	34.935	ng		99
14) 1,2-Dichlorobenzene	6.77	146	666083	34.939	ng		99
15) Benzyl Alcohol	6.75	79	539475	37.104	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	869703	34.780	ng		97
17) 2-Methylphenol	6.87	107	559682	36.656	ng		97
18) Hexachloroethane	7.11	117	254636	34.310	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	439426	34.375	ng		99
20) 3+4-Methylphenols	7.02	107	659758	37.421	ng	#	78
22) Acetophenone	7.01	105	932224	42.067	ng	#	94
24) Nitrobenzene	7.18	77	695789	40.136	ng		99
25) Isophorone	7.43	82	1258497	39.041	ng		99
26) 2-Nitrophenol	7.50	139	393034	45.909	ng		98
27) 2,4-Dimethylphenol	7.55	122	614547	43.842	ng		100
28) bis(2-Chloroethoxy)methane	7.64	93	819135	40.205	ng		100
29) 2,4-Dichlorophenol	7.75	162	604583	41.795	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	642543	40.213	ng		99
31) Naphthalene	7.91	128	1958767	41.223	ng		99
32) Benzoic acid	7.66	122	190442	19.034	ng		98
33) 4-Chloroaniline	7.95	127	111309	5.126	ng		98
34) Hexachlorobutadiene	8.03	225	350557	40.035	ng		99
35) Caprolactam	8.33	113	165366m	34.002	ng		
36) 4-Chloro-3-methylphenol	8.45	107	604010	41.230	ng		97
37) 2-Methylnaphthalene	8.60	142	1371727	42.816	ng		99
38) 1-Methylnaphthalene	8.70	142	1281974	41.897	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	587823	43.870	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115338.D
Acq On : 1 Jul 2019 15:08
Operator : HP/JU
Sample : K3158-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MSD

Manual Integrations APPROVED
mohammad
7/2/2019 2:53:36 PM

Quant Time: Jul 02 08:50:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	624256	78.569	ng		100
43) 2,4,6-Trichlorophenol	8.88	196	446953	43.206	ng		98
44) 2,4,5-Trichlorophenol	8.92	196	462599	43.424	ng		99
46) 1,1'-Biphenyl	9.06	154	1615712	42.586	ng		99
47) 2-Chloronaphthalene	9.08	162	1260365	40.953	ng		98
48) 2-Nitroaniline	9.18	65	367257	40.932	ng		93
49) Acenaphthylene	9.49	152	2006262	41.841	ng		99
50) Dimethylphthalate	9.37	163	1454786	41.701	ng		99
51) 2,6-Dinitrotoluene	9.42	165	342445	42.518	ng		92
52) Acenaphthene	9.67	154	1169676	38.984	ng		99
53) 3-Nitroaniline	9.58	138	131465	13.376	ng		95
54) 2,4-Dinitrophenol	9.69	184	103510	30.027	ng		97
55) Dibenzofuran	9.84	168	1724051	40.034	ng		99
56) 4-Nitrophenol	9.76	139	556530	70.629	ng		97
57) 2,4-Dinitrotoluene	9.82	165	446373	42.923	ng	#	91
58) Fluorene	10.18	166	1250239	43.366	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	378311	42.351	ng		98
60) Diethylphthalate	10.07	149	1402858	40.005	ng		99
61) 4-Chlorophenyl-phenylether	10.17	204	598207	43.709	ng		96
62) 4-Nitroaniline	10.19	138	373094	37.839	ng		96
63) Azobenzene	10.34	77	1293146	39.480	ng		99
65) 4,6-Dinitro-2-methylphenol	10.23	198	119341	27.011	ng		86
66) n-Nitrosodiphenylamine	10.29	169	1197455	42.143	ng		99
67) 4-Bromophenyl-phenylether	10.66	248	415886	42.058	ng		97
68) Hexachlorobenzene	10.72	284	451224	42.040	ng		93
69) Atrazine	10.82	200	367886	40.249	ng		98
70) Pentachlorophenol	10.92	266	473020	69.177	ng		96
71) Phenanthrene	11.13	178	1954331	39.799	ng		100
72) Anthracene	11.18	178	1977308	39.891	ng		99
73) Carbazole	11.34	167	1815095	41.007	ng		99
74) Di-n-butylphthalate	11.68	149	2103695	41.130	ng		99
75) Fluoranthene	12.31	202	1994429	40.707	ng		99
77) Benzidine	12.44	184	618386	23.415	ng	#	95
78) Pyrene	12.54	202	2032469	44.467	ng		99
80) Butylbenzylphthalate	13.17	149	928175	46.015	ng		90
81) Benzo(a)anthracene	13.72	228	1842272	43.169	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	280056	18.173	ng		100
83) Chrysene	13.76	228	1764240	45.131	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1182402	44.737	ng		100
85) Di-n-octyl phthalate	14.35	149	2124309	47.837	ng		99
86) Indeno(1,2,3-cd)pyrene	16.39	276	1889147	40.840	ng		98
88) Benzo(b)fluoranthene	14.74	252	1981469	42.028	ng		99
89) Benzo(k)fluoranthene	14.77	252	1704166m	40.306	ng		
90) Benzo(a)pyrene	15.05	252	1820228	42.835	ng		100
91) Dibenzo(a,h)anthracene	16.41	278	1550464	39.083	ng		98
92) Benzo(g,h,i)perylene	16.77	276	1562875	38.925	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115338.D
Acq On : 1 Jul 2019 15:08
Operator : HP/JU
Sample : K3158-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 02 08:50:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MSD

Manual Integrations APPROVED
mohammad
7/2/2019 2:53:36 PM