Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115412.D
Acq On : 8 Jul 2019 18:22
Operator : HP/JU
Sample : PB121186BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:28 AM

Quant Time: Jul 09 01:58:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	182513	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	718026	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	355096	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	666610	20.00	ng		0.00
76) Chrysene-d12	14.05	240	469674	20.00	ng		-0.02
87) Perylene-d12	15.53	264	418735	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1414032	119.70	ng		0.02
7) Phenol-d6	6.53	99	1802025	119.95	ng		0.00
23) Nitrobenzene-d5	7.46	82	1088401	89.56	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	514483	131.04	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1923291	95.04	ng		0.00
79) Terphenyl-d14	13.00	244	2006690	87.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	241585	41.694	ng		99
3) Pyridine	3.57	79	611869	38.189	ng		97
4) n-Nitrosodimethylamine	3.52	42	260987	40.170	ng		96
6) Aniline	6.56	93	659573	31.111	ng		100
8) 2-Chlorophenol	6.69	128	570172	42.746	ng		95
9) Benzaldehyde	6.45	77	321693	36.604	ng		97
10) Phenol	6.54	94	727013	40.445	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	552849	41.459	ng		100
12) 1,3-Dichlorobenzene	6.84	146	605747	41.451	ng		98
13) 1,4-Dichlorobenzene	6.92	146	613544	41.915	ng		99
14) 1,2-Dichlorobenzene	7.07	146	565673	41.740	ng		99
15) Benzyl Alcohol	7.03	79	510137	42.315	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	745497	39.983	ng		99
17) 2-Methylphenol	7.15	107	482318	42.208	ng		100
18) Hexachloroethane	7.41	117	229577	42.101	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	407953	40.137	ng		99
20) 3+4-Methylphenols	7.30	107	579003	42.895	ng		94
22) Acetophenone	7.30	105	786335	45.703	ng	#	99
24) Nitrobenzene	7.47	77	627625	45.729	ng		96
25) Isophorone	7.72	82	1149841	43.651	ng		99
26) 2-Nitrophenol	7.79	139	306296	54.283	ng		96
27) 2,4-Dimethylphenol	7.83	122	547643	50.899	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	701481	43.186	ng		99
29) 2,4-Dichlorophenol	8.03	162	490027	45.726	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	531476	44.548	ng		98
31) Naphthalene	8.20	128	1637869	45.924	ng		99
32) Benzoic acid	7.95	122	383024	48.757	ng		95
33) 4-Chloroaniline	8.24	127	389036	24.448	ng		98
34) Hexachlorobutadiene	8.32	225	297828	44.020	ng		99
35) Caprolactam	8.62	113	153564m	43.997	ng		
36) 4-Chloro-3-methylphenol	8.72	107	510588	45.044	ng		98
37) 2-Methylnaphthalene	8.89	142	1097312	46.031	ng		99
38) 1-Methylnaphthalene	8.99	142	1023701	45.008	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	479563	46.944	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115412.D
Acq On : 8 Jul 2019 18:22
Operator : HP/JU
Sample : PB121186BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121186BS

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:28 AM

Quant Time: Jul 09 01:58:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	547088	92.399	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	349183	46.951	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	358525	46.490	ng		97
46) 1,1'-Biphenyl	9.36	154	1317297	47.188	ng		98
47) 2-Chloronaphthalene	9.38	162	1037951	44.988	ng		99
48) 2-Nitroaniline	9.47	65	314979	46.467	ng		96
49) Acenaphthylene	9.80	152	1575670	45.107	ng		100
50) Dimethylphthalate	9.66	163	1171964	43.972	ng		99
51) 2,6-Dinitrotoluene	9.71	165	271018	46.886	ng		97
52) Acenaphthene	9.97	154	1095670	49.838	ng		98
53) 3-Nitroaniline	9.87	138	206659	30.782	ng		99
54) 2,4-Dinitrophenol	9.99	184	261789	101.962	ng	#	62
55) Dibenzofuran	10.14	168	1414311	45.669	ng		99
56) 4-Nitrophenol	10.04	139	476245	91.689	ng		95
57) 2,4-Dinitrotoluene	10.12	165	357818	48.709	ng		99
58) Fluorene	10.48	166	1052673	43.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	313505	47.059	ng		100
60) Diethylphthalate	10.36	149	1155653	44.052	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	523567	43.941	ng		98
62) 4-Nitroaniline	10.49	138	293618	44.556	ng		98
63) Azobenzene	10.63	77	1163916	43.041	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	173795	53.401	ng		99
66) n-Nitrosodiphenylamine	10.59	169	974294	46.387	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	335204	44.814	ng		95
68) Hexachlorobenzene	11.03	284	380874	45.378	ng		99
69) Atrazine	11.12	200	313073	48.164	ng		100
70) Pentachlorophenol	11.22	266	447970	87.577	ng		99
71) Phenanthrene	11.44	178	1563974	44.610	ng		100
72) Anthracene	11.49	178	1630109	46.368	ng		100
73) Carbazole	11.64	167	1446642	44.980	ng		99
74) Di-n-butylphthalate	11.97	149	1708509	43.955	ng		100
75) Fluoranthene	12.63	202	1629470	44.143	ng		99
77) Benzidine	12.74	184	733369	40.041	ng		100
78) Pyrene	12.86	202	1670363	45.733	ng		99
80) Butylbenzylphthalate	13.47	149	733328	45.953	ng		98
81) Benzo(a)anthracene	14.04	228	1332887	44.291	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	396452	36.306	ng		100
83) Chrysene	14.08	228	1350402	43.673	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	923719	46.741	ng		99
85) Di-n-octyl phthalate	14.65	149	1585552	45.067	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1149746	45.461	ng	#	100
88) Benzo(b)fluoranthene	15.10	252	1260741	46.243	ng		98
89) Benzo(k)fluoranthene	15.13	252	1162550	47.947	ng		99
90) Benzo(a)pyrene	15.47	252	1129462	48.032	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	957554	47.654	ng		99
92) Benzo(g,h,i)perylene	17.46	276	949315	49.913	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115412.D
Acq On : 8 Jul 2019 18:22
Operator : HP/JU
Sample : PB121186BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 09 01:58:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121186BS

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:28 AM