Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115760.D
Acq On : 25 Jul 2019 15:54
Operator : HP/JU
Sample : PB121703BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Manual Integrations APPROVED
mohammad
7/26/2019 3:23:09 PM

Quant Time: Jul 26 06:55:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186377	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	794630	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	402283	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	755231	20.00	ng	0.00
76) Chrysene-d12	14.04	240	506559	20.00	ng	0.00
87) Perylene-d12	15.50	264	352257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1282224	112.53	ng	0.02
7) Phenol-d6	6.51	99	1644021	113.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	1068142	78.16	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	502262	106.96	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1924412	83.73	ng	0.00
79) Terphenyl-d14	12.98	244	1995177	72.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.77	88	206928	36.408	ng	99
3) Pyridine	3.52	79	447220	29.002	ng	99
4) n-Nitrosodimethylamine	3.46	42	224183	40.074	ng	94
6) Aniline	6.53	93	474841	23.600	ng	95
8) 2-Chlorophenol	6.66	128	523368	39.951	ng	96
9) Benzaldehyde	6.42	77	154380	17.087	ng	94
10) Phenol	6.52	94	644916	38.425	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	500293	39.152	ng	96
12) 1,3-Dichlorobenzene	6.82	146	527272	35.799	ng	99
13) 1,4-Dichlorobenzene	6.89	146	539989	36.745	ng	99
14) 1,2-Dichlorobenzene	7.05	146	502023	37.370	ng	99
15) Benzyl Alcohol	7.02	79	453471	39.538	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	693981	41.251	ng	97
17) 2-Methylphenol	7.13	107	463977	41.098	ng	99
18) Hexachloroethane	7.39	117	202259	37.080	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	368581	39.089	ng	98
20) 3+4-Methylphenols	7.28	107	524263	39.095	ng	91
22) Acetophenone	7.28	105	720505	40.135	ng	98
24) Nitrobenzene	7.45	77	585818	39.744	ng	94
25) Isophorone	7.70	82	1087793	39.779	ng	99
26) 2-Nitrophenol	7.77	139	301371	39.723	ng	99
27) 2,4-Dimethylphenol	7.81	122	504034	44.401	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	662450	39.488	ng	99
29) 2,4-Dichlorophenol	8.02	162	475077	40.241	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	506766	37.974	ng	99
31) Naphthalene	8.17	128	1541099	40.045	ng	100
32) Benzoic acid	7.95	122	354816	38.086	ng	100
33) 4-Chloroaniline	8.22	127	443885	26.040	ng	99
34) Hexachlorobutadiene	8.30	225	285017	37.244	ng	99
35) Caprolactam	8.60	113	151450m	41.514	ng	
36) 4-Chloro-3-methylphenol	8.71	107	494961	40.417	ng	96
37) 2-Methylnaphthalene	8.87	142	1051393	41.215	ng	99
38) 1-Methylnaphthalene	8.97	142	986219	40.702	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	478613	39.509	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115760.D
Acq On : 25 Jul 2019 15:54
Operator : HP/JU
Sample : PB121703BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Manual Integrations APPROVED
mohammad
7/26/2019 3:23:09 PM

Quant Time: Jul 26 06:55:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	285591	41.328	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	332132	37.491	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	346592	38.202	ng		96
46) 1,1'-Biphenyl	9.33	154	1281732	40.755	ng		99
47) 2-Chloronaphthalene	9.36	162	1007992	38.492	ng		99
48) 2-Nitroaniline	9.45	65	314994	38.863	ng		99
49) Acenaphthylene	9.77	152	1497956	38.604	ng		100
50) Dimethylphthalate	9.63	163	1200366	39.660	ng		100
51) 2,6-Dinitrotoluene	9.69	165	267516	38.893	ng		98
52) Acenaphthene	9.95	154	914337	36.498	ng		99
53) 3-Nitroaniline	9.86	138	231070	29.398	ng		100
54) 2,4-Dinitrophenol	9.97	184	274228	77.654	ng		98
55) Dibenzofuran	10.12	168	1358382	38.182	ng		100
56) 4-Nitrophenol	10.03	139	407233	67.942	ng		98
57) 2,4-Dinitrotoluene	10.10	165	349219	39.189	ng		96
58) Fluorene	10.46	166	1012274	39.802	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	300774	39.658	ng		99
60) Diethylphthalate	10.33	149	1128586	39.797	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	525326	37.247	ng		97
62) 4-Nitroaniline	10.48	138	270990	35.942	ng		99
63) Azobenzene	10.61	77	1143135	41.558	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	177789	38.531	ng		93
66) n-Nitrosodiphenylamine	10.57	169	937718	39.916	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	330433	38.287	ng		98
68) Hexachlorobenzene	11.02	284	368592	37.398	ng		97
69) Atrazine	11.09	200	240563	31.214	ng		100
70) Pentachlorophenol	11.20	266	406133	67.372	ng		99
71) Phenanthrene	11.42	178	1506470	38.914	ng		99
72) Anthracene	11.47	178	1514849	37.864	ng		99
73) Carbazole	11.63	167	1361732	38.814	ng		99
74) Di-n-butylphthalate	11.95	149	1734966	40.147	ng		100
75) Fluoranthene	12.61	202	1558529	38.098	ng		98
77) Benzidine	12.72	184	219132	12.211	ng		98
78) Pyrene	12.84	202	1571746	36.622	ng		100
80) Butylbenzylphthalate	13.45	149	741800	40.545	ng		93
81) Benzo(a)anthracene	14.03	228	1290690	38.676	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	412021	34.730	ng	#	98
83) Chrysene	14.06	228	1264394	37.742	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1010604	44.594	ng		99
85) Di-n-octyl phthalate	14.62	149	1644822	45.616	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1094204	38.444	ng		99
88) Benzo(b)fluoranthene	15.07	252	1252918	55.237	ng		99
89) Benzo(k)fluoranthene	15.11	252	1069931	52.907	ng		99
90) Benzo(a)pyrene	15.44	252	1070426	54.907	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	932920	54.509	ng		99
92) Benzo(g,h,i)perylene	17.43	276	886448	51.933	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115760.D
Acq On : 25 Jul 2019 15:54
Operator : HP/JU
Sample : PB121703BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 26 06:55:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Manual Integrations APPROVED
mohammad
7/26/2019 3:23:09 PM