Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116392.D
Acq On : 19 Aug 2019 17:14
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:19 PM

Quant Time: Aug 20 01:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108236	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	457327	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	251430	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	445652	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	322869	20.00	ng		-0.01
87) Perylene-d12	15.42	264	315909	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	568068	87.86	ng		-0.01
7) Phenol-d6	6.45	99	706061	86.56	ng		-0.01
23) Nitrobenzene-d5	7.37	82	650099	82.05	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	204551	83.91	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1157381	86.22	ng		-0.01
79) Terphenyl-d14	12.90	244	1329617	86.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	134408	41.150	ng		99
3) Pyridine	3.28	79	351703	38.546	ng		99
4) n-Nitrosodimethylamine	3.23	42	137813	38.274	ng		99
6) Aniline	6.47	93	468891	40.137	ng	#	88
8) 2-Chlorophenol	6.60	128	319977	44.755	ng		99
9) Benzaldehyde	6.36	77	212142	37.691	ng		98
10) Phenol	6.46	94	407104	42.380	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	317152	44.907	ng		99
12) 1,3-Dichlorobenzene	6.75	146	353526	42.786	ng		99
13) 1,4-Dichlorobenzene	6.82	146	360106	43.527	ng		98
14) 1,2-Dichlorobenzene	6.97	146	330078	43.330	ng		99
15) Benzyl Alcohol	6.96	79	259832	41.972	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	417698	43.360	ng		73
17) 2-Methylphenol	7.07	107	259488	42.863	ng		95
18) Hexachloroethane	7.31	117	130159	42.732	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	230881	45.675	ng		99
20) 3+4-Methylphenols	7.23	107	338510	47.252	ng	#	87
22) Acetophenone	7.22	105	438155	43.685	ng	#	95
24) Nitrobenzene	7.39	77	359956	42.077	ng		100
25) Isophorone	7.63	82	665338	43.918	ng		98
26) 2-Nitrophenol	7.71	139	177465	44.008	ng		97
27) 2,4-Dimethylphenol	7.75	122	255134	42.053	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	412108	43.888	ng		100
29) 2,4-Dichlorophenol	7.96	162	280477	43.785	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	305427	41.828	ng		100
31) Naphthalene	8.11	128	936050	43.495	ng		99
32) Benzoic acid	7.91	122	151201	35.349	ng		98
33) 4-Chloroaniline	8.16	127	407199	42.347	ng		98
34) Hexachlorobutadiene	8.22	225	177203	42.131	ng		99
35) Caprolactam	8.54	113	88504m	42.718	ng		
36) 4-Chloro-3-methylphenol	8.65	107	294890	44.250	ng		99
37) 2-Methylnaphthalene	8.80	142	615721	43.442	ng		99
38) 1-Methylnaphthalene	8.90	142	591388	44.105	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	288034	42.851	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116392.D
Acq On : 19 Aug 2019 17:14
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:19 PM

Quant Time: Aug 20 01:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	115236	41.283	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	171446	37.056	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	175495	36.695	ng		99
46) 1,1'-Biphenyl	9.26	154	767963	43.263	ng		99
47) 2-Chloronaphthalene	9.29	162	621589	42.073	ng		99
48) 2-Nitroaniline	9.39	65	204316	41.839	ng		98
49) Acenaphthylene	9.70	152	919638	42.667	ng		98
50) Dimethylphthalate	9.56	163	728167	42.534	ng		100
51) 2,6-Dinitrotoluene	9.63	165	158235	42.532	ng	#	82
52) Acenaphthene	9.87	154	565640	42.777	ng		98
53) 3-Nitroaniline	9.80	138	186938	40.665	ng		98
54) 2,4-Dinitrophenol	9.93	184	53677	33.409	ng		98
55) Dibenzofuran	10.05	168	792593	41.217	ng		100
56) 4-Nitrophenol	9.99	139	110262	37.442	ng		94
57) 2,4-Dinitrotoluene	10.04	165	199701	40.316	ng	#	83
58) Fluorene	10.39	166	665279	44.967	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	159871	39.733	ng		98
60) Diethylphthalate	10.26	149	702622	43.960	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	338461	45.171	ng		97
62) 4-Nitroaniline	10.42	138	179033	37.685	ng		98
63) Azobenzene	10.53	77	729850	44.395	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	98619	41.758	ng		85
66) n-Nitrosodiphenylamine	10.49	169	584877	43.603	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	206084	43.198	ng		99
68) Hexachlorobenzene	10.94	284	235464	42.683	ng		98
69) Atrazine	11.02	200	163998	37.164	ng		99
70) Pentachlorophenol	11.15	266	97240	36.307	ng		97
71) Phenanthrene	11.35	178	986132	43.284	ng		100
72) Anthracene	11.40	178	995400	43.171	ng		99
73) Carbazole	11.56	167	911992	43.597	ng		99
74) Di-n-butylphthalate	11.87	149	1127343	46.198	ng		99
75) Fluoranthene	12.54	202	1036020	43.437	ng		99
77) Benzidine	12.66	184	425518	39.010	ng		99
78) Pyrene	12.77	202	1047040	43.020	ng		99
80) Butylbenzylphthalate	13.37	149	469248	45.579	ng		94
81) Benzo(a)anthracene	13.96	228	884455	42.858	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	314263	43.833	ng		99
83) Chrysene	13.99	228	871416	43.495	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	631666	47.215	ng		98
85) Di-n-octyl phthalate	14.53	149	973541	45.814	ng		100
86) Indeno(1,2,3-cd)pyrene	16.88	276	662645	39.379	ng		99
88) Benzo(b)fluoranthene	15.00	252	780495	42.729	ng		99
89) Benzo(k)fluoranthene	15.03	252	706834	39.729	ng		99
90) Benzo(a)pyrene	15.36	252	679952	41.642	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	556242	39.354	ng		99
92) Benzo(g,h,i)perylene	17.32	276	526459	37.926	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116392.D
Acq On : 19 Aug 2019 17:14
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 01:48:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:19 PM