Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113766.D
Acq On : 15 Apr 2019 16:40
Operator : JU/SJ
Sample : K2199-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Manual Integrations APPROVED
Sohil
4/16/2019 5:02:54 PM

Quant Time: Apr 15 23:58:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	115918	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	430211	20.00	ng		-0.02
39) Acenaphthene-d10	9.70	164	211466	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	428953	20.00	ng		-0.02
76) Chrysene-d12	13.83	240	264289	20.00	ng		-0.02
87) Perylene-d12	15.23	264	280546	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	779353	114.65	ng		0.00
7) Phenol-d6	6.33	99	909682	108.58	ng		0.00
23) Nitrobenzene-d5	7.25	82	642821	87.52	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	348687	137.27	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1216852	92.64	ng		-0.02
79) Terphenyl-d14	12.77	244	1387985	106.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	115183	35.776	ng	#	83
3) Pyridine	3.17	79	242134	28.738	ng		97
4) n-Nitrosodimethylamine	3.06	42	133704	37.348	ng		97
6) Aniline	6.35	93	95970	9.450	ng	#	27
8) 2-Chlorophenol	6.47	128	320242	40.718	ng		96
9) Benzaldehyde	6.23	77	105358	21.149	ng		99
10) Phenol	6.35	94	315585	32.980	ng		80
11) bis(2-Chloroethyl)ether	6.41	93	324281	43.566	ng		98
12) 1,3-Dichlorobenzene	6.61	146	340602	40.213	ng		99
13) 1,4-Dichlorobenzene	6.69	146	354248	41.388	ng		99
14) 1,2-Dichlorobenzene	6.84	146	329900	42.701	ng		99
15) Benzyl Alcohol	6.83	79	205992	36.362	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	479067	41.348	ng		67
17) 2-Methylphenol	6.96	107	274301	45.004	ng	#	88
18) Hexachloroethane	7.17	117	120802	38.776	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	226376	43.817	ng		98
20) 3+4-Methylphenols	7.12	107	331123	44.836	ng		90
22) Acetophenone	7.09	105	447770	47.389	ng		98
24) Nitrobenzene	7.26	77	337078	44.565	ng		99
25) Isophorone	7.50	82	616900	43.602	ng		100
26) 2-Nitrophenol	7.58	139	178087	43.747	ng		92
27) 2,4-Dimethylphenol	7.63	122	295085	50.705	ng		100
28) bis(2-Chloroethoxy)methane	7.71	93	393151	43.952	ng		100
29) 2,4-Dichlorophenol	7.84	162	291669	46.842	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	301679	44.614	ng		99
31) Naphthalene	7.97	128	957959	45.957	ng		99
32) Benzoic acid	7.79	122	89388	19.836	ng		97
33) 4-Chloroaniline	8.06	127	52404	6.340	ng		96
34) Hexachlorobutadiene	8.09	225	178672	43.340	ng		99
35) Caprolactam	8.42	113	64565m	32.665	ng		
36) 4-Chloro-3-methylphenol	8.54	107	285509	45.677	ng		99
37) 2-Methylnaphthalene	8.67	142	643736	46.955	ng		99
38) 1-Methylnaphthalene	8.76	142	609603	46.114	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	308846	45.159	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113766.D
Acq On : 15 Apr 2019 16:40
Operator : JU/SJ
Sample : K2199-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Manual Integrations APPROVED
Sohil
4/16/2019 5:02:54 PM

Quant Time: Apr 15 23:58:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	131154	59.031	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	198226	45.918	ng	96
44) 2,4,5-Trichlorophenol	9.02	196	207583	44.790	ng	98
46) 1,1'-Biphenyl	9.13	154	801249	45.917	ng	99
47) 2-Chloronaphthalene	9.16	162	601544	45.530	ng	98
48) 2-Nitroaniline	9.26	65	183057	45.280	ng	98
49) Acenaphthylene	9.57	152	951190	44.274	ng	99
50) Dimethylphthalate	9.43	163	703942	45.160	ng	99
51) 2,6-Dinitrotoluene	9.50	165	156983	45.688	ng	99
52) Acenaphthene	9.74	154	569961	46.345	ng	98
53) 3-Nitroaniline	9.68	138	53227	13.625	ng	90
54) 2,4-Dinitrophenol	9.80	184	88894	55.299	ng	94
55) Dibenzofuran	9.91	168	857585	47.538	ng	98
56) 4-Nitrophenol	9.88	139	103387	42.663	ng	91
57) 2,4-Dinitrotoluene	9.92	165	204840	49.293	ng	89
58) Fluorene	10.26	166	680399	47.686	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	204299	50.926	ng	93
60) Diethylphthalate	10.13	149	707299	47.063	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	341794	48.702	ng	92
62) 4-Nitroaniline	10.30	138	162019	40.785	ng	97
63) Azobenzene	10.40	77	651565	45.788	ng	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	72409	32.064	ng	92
66) n-Nitrosodiphenylamine	10.37	169	621294	47.180	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	216709	45.046	ng	93
68) Hexachlorobenzene	10.81	284	248902	45.153	ng	99
69) Atrazine	10.90	200	189995	45.775	ng	96
70) Pentachlorophenol	11.02	266	167878	64.630	ng	98
71) Phenanthrene	11.22	178	1002937	47.053	ng	99
72) Anthracene	11.27	178	1060283	48.892	ng	99
73) Carbazole	11.43	167	972524	47.948	ng	99
74) Di-n-butylphthalate	11.75	149	1117487	46.315	ng	99
75) Fluoranthene	12.40	202	1087746	47.623	ng	99
77) Benzidine	12.53	184	236091	24.022	ng	98
78) Pyrene	12.63	202	1062102	52.816	ng	100
80) Butylbenzylphthalate	13.24	149	454196	55.486	ng	99
81) Benzo(a)anthracene	13.82	228	762537	50.017	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	83046	14.142	ng	98
83) Chrysene	13.85	228	783876	50.721	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	586891	59.300	ng	99
85) Di-n-octyl phthalate	14.41	149	897227	55.772	ng	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	948577	66.478	ng	99
88) Benzo(b)fluoranthene	14.84	252	737741	42.960	ng	99
89) Benzo(k)fluoranthene	14.86	252	705441	45.771	ng	99
90) Benzo(a)pyrene	15.18	252	731573	47.941	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	795775	55.765	ng	100
92) Benzo(g,h,i)perylene	17.01	276	844725	57.995	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113766.D
Acq On : 15 Apr 2019 16:40
Operator : JU/SJ
Sample : K2199-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 15 23:58:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMS

Manual Integrations APPROVED
Sohil
4/16/2019 5:02:54 PM