Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114462.D
Acq On : 21 May 2019 18:03
Operator : JU/SJ
Sample : K2641-12MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MSD

Manual Integrations APPROVED
Sohil
5/23/2019 8:15:47 AM

Quant Time: May 22 06:40:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	222471	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	872977	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	440291	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	846036	20.00	ng		0.00
76) Chrysene-d12	14.00	240	488755	20.00	ng		0.00
87) Perylene-d12	15.47	264	506131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1516699	109.71	ng		0.01
7) Phenol-d6	6.49	99	1891033	115.66	ng		0.00
23) Nitrobenzene-d5	7.40	82	1341112	86.21	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	569038	125.01	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2368534	81.37	ng		0.00
79) Terphenyl-d14	12.94	244	2294360	96.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	220785	29.056	ng	#	82
3) Pyridine	3.49	79	398784	19.048	ng		99
4) n-Nitrosodimethylamine	3.41	42	329073	32.595	ng		99
6) Aniline	6.50	93	270961	11.472	ng	#	8
8) 2-Chlorophenol	6.63	128	618605	41.916	ng		97
9) Benzaldehyde	6.39	77	178898	15.629	ng		99
10) Phenol	6.50	94	676756	35.185	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	617556	42.291	ng		100
12) 1,3-Dichlorobenzene	6.77	146	581557	35.105	ng		99
13) 1,4-Dichlorobenzene	6.85	146	588904	35.277	ng		97
14) 1,2-Dichlorobenzene	7.00	146	558980	36.651	ng		100
15) Benzyl Alcohol	6.98	79	524610	41.138	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1117443	39.467	ng		56
17) 2-Methylphenol	7.10	107	490369	40.448	ng	#	90
18) Hexachloroethane	7.34	117	207918	33.181	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	448935	43.318	ng		98
20) 3+4-Methylphenols	7.25	107	628940	44.902	ng	#	73
22) Acetophenone	7.24	105	876328	45.313	ng	#	89
24) Nitrobenzene	7.42	77	685015	43.237	ng		97
25) Isophorone	7.66	82	1282891	44.469	ng		100
26) 2-Nitrophenol	7.73	139	340247	44.265	ng		99
27) 2,4-Dimethylphenol	7.77	122	578924	47.954	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	821011	43.861	ng		99
29) 2,4-Dichlorophenol	7.98	162	552738	45.980	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	546043	39.945	ng		99
31) Naphthalene	8.13	128	1768540	43.370	ng		99
32) Benzoic acid	7.93	122	333140	40.061	ng		99
33) 4-Chloroaniline	8.19	127	174885	9.411	ng		94
34) Hexachlorobutadiene	8.25	225	299979	38.568	ng		98
35) Caprolactam	8.57	113	170036m	43.378	ng		
36) 4-Chloro-3-methylphenol	8.69	107	598620	49.471	ng		98
37) 2-Methylnaphthalene	8.83	142	1249902	47.507	ng		98
38) 1-Methylnaphthalene	8.93	142	1182040	47.708	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	585400	43.892	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114462.D
Acq On : 21 May 2019 18:03
Operator : JU/SJ
Sample : K2641-12MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MSD

Manual Integrations APPROVED
Sohil
5/23/2019 8:15:47 AM

Quant Time: May 22 06:40:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	115606	21.924	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	390923	42.613	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	414669	44.075	ng		96
46) 1,1'-Biphenyl	9.29	154	1555587	43.734	ng		99
47) 2-Chloronaphthalene	9.32	162	1185056	41.398	ng		97
48) 2-Nitroaniline	9.42	65	422543	41.621	ng		94
49) Acenaphthylene	9.73	152	1883367	43.258	ng		99
50) Dimethylphthalate	9.59	163	1462178	45.239	ng		100
51) 2,6-Dinitrotoluene	9.66	165	325098	45.348	ng		88
52) Acenaphthene	9.90	154	1125439	42.124	ng		98
53) 3-Nitroaniline	9.83	138	191805	21.553	ng		96
54) 2,4-Dinitrophenol	9.95	184	161367	47.736	ng		96
55) Dibenzofuran	10.08	168	1619105	41.328	ng		97
56) 4-Nitrophenol	10.02	139	394411	62.671	ng		98
57) 2,4-Dinitrotoluene	10.07	165	400421	41.152	ng	#	84
58) Fluorene	10.42	166	1331088	43.988	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	357571	44.048	ng		99
60) Diethylphthalate	10.29	149	1495449	45.537	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	654599	44.044	ng		99
62) 4-Nitroaniline	10.45	138	338901	36.241	ng		98
63) Azobenzene	10.57	77	1396561	43.933	ng		100
65) 4,6-Dinitro-2-methylphenol	10.49	198	116769	28.723	ng		81
66) n-Nitrosodiphenylamine	10.53	169	1235747	48.126	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	424118	45.530	ng		97
68) Hexachlorobenzene	10.97	284	438324	42.534	ng		98
69) Atrazine	11.06	200	358254	44.834	ng		98
70) Pentachlorophenol	11.17	266	405538	83.016	ng		99
71) Phenanthrene	11.39	178	1838593	44.669	ng		99
72) Anthracene	11.44	178	1888787	45.686	ng		99
73) Carbazole	11.59	167	1797925	45.605	ng		99
74) Di-n-butylphthalate	11.91	149	2365391	52.079	ng		99
75) Fluoranthene	12.57	202	1801377	40.640	ng		99
77) Benzidine	12.69	184	65750	2.997	ng	#	94
78) Pyrene	12.80	202	1787332	45.458	ng		99
80) Butylbenzylphthalate	13.40	149	915134	55.297	ng		95
81) Benzo(a)anthracene	13.99	228	1426858	45.136	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	432955	35.305	ng	#	99
83) Chrysene	14.03	228	1400297	45.187	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1253777	57.926	ng		98
85) Di-n-octyl phthalate	14.57	149	1999769	56.995	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	1139569	41.609	ng		100
88) Benzo(b)fluoranthene	15.04	252	1446502	44.610	ng		100
89) Benzo(k)fluoranthene	15.07	252	1394763	46.826	ng		99
90) Benzo(a)pyrene	15.41	252	1337439	46.866	ng		100
91) Dibenzo(a,h)anthracene	16.96	278	981943	41.409	ng		99
92) Benzo(g,h,i)perylene	17.39	276	926844	39.002	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114462.D
Acq On : 21 May 2019 18:03
Operator : JU/SJ
Sample : K2641-12MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 22 06:40:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MSD

Manual Integrations APPROVED
Sohil
5/23/2019 8:15:47 AM