Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040077.D
Acq On : 21 Mar 2019 22:30
Operator : JU/SJ
Sample : K1989-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Manual Integrations APPROVED
Sohil
3/22/2019 3:59:55 PM

Quant Time: Mar 22 04:08:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39121	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	171421	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	122738	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	295700	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	278424	20.00	ng		-0.02
87) Perylene-d12	25.16	264	288079	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	311840	135.99	ng		-0.02
7) Phenol-d6	7.29	99	424659	124.20	ng		-0.02
23) Nitrobenzene-d5	9.32	82	295034	93.08	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	211232	147.65	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	709514	82.31	ng		-0.02
79) Terphenyl-d14	20.11	244	1174102	92.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	33101	31.266	ng	#	22
3) Pyridine	3.99	79	90999	32.107	ng		95
4) n-Nitrosodimethylamine	3.90	42	51270	38.132	ng		88
6) Aniline	7.47	93	50529	11.280	ng		99
8) 2-Chlorophenol	7.71	128	122461	44.019	ng		94
9) Benzaldehyde	7.28	77	38652	17.525	ng		95
10) Phenol	7.32	94	144572	39.030	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	120346	41.672	ng		99
12) 1,3-Dichlorobenzene	8.03	146	127430	40.501	ng		94
13) 1,4-Dichlorobenzene	8.18	146	128966	40.241	ng		97
14) 1,2-Dichlorobenzene	8.50	146	126621	40.892	ng		98
15) Benzyl Alcohol	8.39	79	118042	43.521	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	222472	38.517	ng		96
17) 2-Methylphenol	8.58	107	107280	45.422	ng		95
18) Hexachloroethane	9.23	117	46639	40.557	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	100267	40.742	ng		92
20) 3+4-Methylphenols	8.91	107	148838	45.361	ng		98
22) Acetophenone	8.97	105	193485	42.054	ng	#	96
24) Nitrobenzene	9.37	77	147410	44.333	ng		97
25) Isophorone	9.88	82	295651	44.518	ng		98
26) 2-Nitrophenol	10.07	139	72711	45.291	ng		97
27) 2,4-Dimethylphenol	10.11	122	129405	51.828	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	176537	43.742	ng		98
29) 2,4-Dichlorophenol	10.61	162	142636	50.739	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	140216	44.326	ng		98
31) Naphthalene	11.01	128	402320	44.328	ng		99
32) Benzoic acid	10.23	122	27574	20.472	ng		92
33) 4-Chloroaniline	11.14	127	9411	2.445	ng		97
34) Hexachlorobutadiene	11.28	225	91882	42.506	ng		96
35) Caprolactam	11.91	113	36760m	34.232	ng		
36) 4-Chloro-3-methylphenol	12.23	107	154936	48.079	ng		98
37) 2-Methylnaphthalene	12.60	142	307917	45.379	ng		97
38) 1-Methylnaphthalene	12.83	142	296683	44.992	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	174508	41.969	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040077.D
Acq On : 21 Mar 2019 22:30
Operator : JU/SJ
Sample : K1989-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Manual Integrations APPROVED
Sohil
3/22/2019 3:59:55 PM

Quant Time: Mar 22 04:08:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	194603	87.332	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	120138	49.351	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	128444	46.810	ng		99
46) 1,1'-Biphenyl	13.60	154	423188	41.920	ng		98
47) 2-Chloronaphthalene	13.66	162	326762	43.027	ng		98
48) 2-Nitroaniline	13.86	65	112050	45.911	ng		96
49) Acenaphthylene	14.50	152	532803	42.737	ng		99
50) Dimethylphthalate	14.22	163	453042	44.142	ng		99
51) 2,6-Dinitrotoluene	14.35	165	101938	46.852	ng		96
52) Acenaphthene	14.84	154	324823	43.289	ng		98
53) 3-Nitroaniline	14.68	138	16979	7.763	ng		93
54) 2,4-Dinitrophenol	14.89	184	47299	37.463	ng		97
55) Dibenzofuran	15.17	168	537634	43.671	ng		97
56) 4-Nitrophenol	14.98	139	137056	70.051	ng		92
57) 2,4-Dinitrotoluene	15.14	165	143258	46.859	ng	#	84
58) Fluorene	15.81	166	426033	44.020	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	128788	48.059	ng		97
60) Diethylphthalate	15.57	149	458695	45.148	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	224491	43.468	ng		98
62) 4-Nitroaniline	15.85	138	96181	40.564	ng		95
63) Azobenzene	16.09	77	405711	44.053	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	51417	29.408	ng		92
66) n-Nitrosodiphenylamine	16.02	169	394145	46.042	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	148130	44.754	ng		95
68) Hexachlorobenzene	16.81	284	154306	44.975	ng		95
69) Atrazine	16.96	200	155361	46.113	ng		96
70) Pentachlorophenol	17.16	266	156125	72.053	ng		98
71) Phenanthrene	17.56	178	712982	43.775	ng		99
72) Anthracene	17.65	178	726493	45.772	ng		98
73) Carbazole	17.92	167	623402	43.568	ng		98
74) Di-n-butylphthalate	18.45	149	760027	45.145	ng		100
75) Fluoranthene	19.56	202	831163	43.180	ng		99
77) Benzidine	19.74	184	51029	5.776	ng		99
78) Pyrene	19.92	202	831726	45.972	ng		99
80) Butylbenzylphthalate	20.79	149	337085	48.091	ng		94
81) Benzo(a)anthracene	21.78	228	776720	44.512	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	81420	12.780	ng		99
83) Chrysene	21.85	228	742881	43.913	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	468152	47.529	ng		100
85) Di-n-octyl phthalate	22.90	149	803165	49.246	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.03	276	886837	46.210	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	786281	45.771	ng		98
89) Benzo(k)fluoranthene	24.16	252	744021	46.528	ng		99
90) Benzo(a)pyrene	25.01	252	757594	47.725	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	720279	46.284	ng		96
92) Benzo(g,h,i)perylene	30.26	276	733417	46.925	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040077.D
Acq On : 21 Mar 2019 22:30
Operator : JU/SJ
Sample : K1989-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 22 04:08:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Manual Integrations APPROVED
Sohil
3/22/2019 3:59:55 PM