Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041694.D
Acq On : 17 Jul 2019 19:04
Operator : HP/JU
Sample : K3835-07MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(0-2)MS

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:50 PM

Quant Time: Jul 18 11:34:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106907	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	426679	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	272987	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	663269	20.00	ng		0.00
76) Chrysene-d12	21.66	240	657219	20.00	ng		0.00
87) Perylene-d12	24.85	264	773835	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	822439	125.76	ng		0.00
7) Phenol-d6	7.20	99	1112649	126.49	ng		0.00
23) Nitrobenzene-d5	9.21	82	678715	96.74	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	469885	152.73	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1520707	86.26	ng		0.00
79) Terphenyl-d14	20.01	244	2323474	82.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	95741	30.825	ng		99
3) Pyridine	3.90	79	73002	8.805	ng		98
4) n-Nitrosodimethylamine	3.80	42	135575	35.409	ng		97
6) Aniline	7.37	93	284691	24.082	ng		99
8) 2-Chlorophenol	7.61	128	297757	40.218	ng		96
9) Benzaldehyde	7.17	77	164981	28.197	ng		96
10) Phenol	7.23	94	372753	40.222	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	276300	36.916	ng		98
12) 1,3-Dichlorobenzene	7.94	146	324620	36.747	ng		99
13) 1,4-Dichlorobenzene	8.08	146	326123	36.864	ng		99
14) 1,2-Dichlorobenzene	8.40	146	307547	36.872	ng		94
15) Benzyl Alcohol	8.28	79	265958	37.979	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	547695	35.314	ng		99
17) 2-Methylphenol	8.48	107	260907	40.710	ng		98
18) Hexachloroethane	9.14	117	117198	36.169	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	236839	36.838	ng		99
20) 3+4-Methylphenols	8.81	107	358089	40.772	ng		99
22) Acetophenone	8.87	105	432665	41.634	ng	#	97
24) Nitrobenzene	9.25	77	325638	42.547	ng		99
25) Isophorone	9.77	82	626280	40.765	ng		98
26) 2-Nitrophenol	9.96	139	167547	47.747	ng		99
27) 2,4-Dimethylphenol	10.02	122	303459	49.922	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	381740	40.316	ng		98
29) 2,4-Dichlorophenol	10.49	162	318139	45.905	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	333754	41.015	ng		96
31) Naphthalene	10.90	128	868001	41.321	ng		100
32) Benzoic acid	10.06	122	13769m	8.622	ng		
33) 4-Chloroaniline	11.00	127	261375	26.975	ng		99
34) Hexachlorobutadiene	11.20	225	206955	39.570	ng		97
35) Caprolactam	11.77	113	124957	49.054	ng		93
36) 4-Chloro-3-methylphenol	12.12	107	331124	45.607	ng		99
37) 2-Methylnaphthalene	12.50	142	670546	41.782	ng		99
38) 1-Methylnaphthalene	12.72	142	633389	41.397	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	389072	41.608	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041694.D
Acq On : 17 Jul 2019 19:04
Operator : HP/JU
Sample : K3835-07MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:50 PM

Quant Time: Jul 18 11:34:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	529748	100.150	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	281868	46.392	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	308422	48.180	ng		96
46) 1,1'-Biphenyl	13.51	154	847974	41.462	ng		99
47) 2-Chloronaphthalene	13.55	162	682133	40.020	ng		98
48) 2-Nitroaniline	13.74	65	225039	45.346	ng		95
49) Acenaphthylene	14.39	152	1086432	40.830	ng		99
50) Dimethylphthalate	14.12	163	1538561	71.761	ng		98
51) 2,6-Dinitrotoluene	14.23	165	204858	45.047	ng		98
52) Acenaphthene	14.73	154	705367	42.065	ng		99
53) 3-Nitroaniline	14.55	138	180098	36.278	ng		95
54) 2,4-Dinitrophenol	14.76	184	134785	60.707	ng		98
55) Dibenzofuran	15.06	168	1046009	41.570	ng		98
56) 4-Nitrophenol	14.86	139	413391	102.853	ng		99
57) 2,4-Dinitrotoluene	15.01	165	294736	49.029	ng		99
58) Fluorene	15.71	166	846942	41.366	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	307967	52.111	ng		96
60) Diethylphthalate	15.48	149	898762	41.611	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	481356	41.591	ng		97
62) 4-Nitroaniline	15.72	138	242699	46.096	ng		99
63) Azobenzene	15.99	77	791476	40.532	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	155879	49.297	ng		97
66) n-Nitrosodiphenylamine	15.91	169	797577	40.948	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	324037	41.059	ng		99
68) Hexachlorobenzene	16.72	284	319283	40.176	ng		97
69) Atrazine	16.86	200	332811	47.084	ng		99
70) Pentachlorophenol	17.05	266	479837	96.564	ng		99
71) Phenanthrene	17.44	178	1391588	41.661	ng		97
72) Anthracene	17.53	178	1432192	43.015	ng		97
73) Carbazole	17.80	167	1342975	43.491	ng		99
74) Di-n-butylphthalate	18.37	149	1532874	40.701	ng		97
75) Fluoranthene	19.45	202	1709482	41.679	ng		96
77) Benzidine	19.62	184	68018	0.986	ng		96
78) Pyrene	19.81	202	1733788	39.006	ng		97
80) Butylbenzylphthalate	20.69	149	749949	40.602	ng		95
81) Benzo(a)anthracene	21.63	228	1713112	40.343	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	547774	32.782	ng		98
83) Chrysene	21.70	228	1664551	41.024	ng		97
84) Bis(2-ethylhexyl)phthalate	21.56	149	1045885	40.104	ng		99
85) Di-n-octyl phthalate	22.77	149	1827771	41.154	ng		98
86) Indeno(1,2,3-cd)pyrene	28.50	276	2206164	41.207	ng	#	91
88) Benzo(b)fluoranthene	23.84	252	1902541	40.532	ng		98
89) Benzo(k)fluoranthene	23.91	252	1826790	42.001	ng		98
90) Benzo(a)pyrene	24.70	252	1878633	42.301	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	1804274	41.901	ng		98
92) Benzo(g,h,i)perylene	29.64	276	1836748	42.565	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041694.D
Acq On : 17 Jul 2019 19:04
Operator : HP/JU
Sample : K3835-07MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 18 11:34:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:50 PM