Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042789.D
Acq On : 12 Sep 2019 19:34
Operator : HP/JU
Sample : K4852-10MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:30 AM

Quant Time: Sep 13 08:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	80710	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	312414	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	214597	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	495139	20.00	ng	0.00
76) Chrysene-d12	21.76	240	497211	20.00	ng	0.00
87) Perylene-d12	25.03	264	564177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	472071	101.69	ng	0.00
7) Phenol-d6	7.27	99	679419	101.96	ng	0.00
23) Nitrobenzene-d5	9.28	82	399996	66.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	275179	96.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	874047	64.47	ng	0.00
79) Terphenyl-d14	20.09	244	1499218	66.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	77412	36.538	ng	96
3) Pyridine	3.98	79	213085	33.404	ng	97
4) n-Nitrosodimethylamine	3.89	42	140217	45.173	ng	95
6) Aniline	7.44	93	351001	39.043	ng	99
8) 2-Chlorophenol	7.68	128	239982	47.823	ng	96
9) Benzaldehyde	7.25	77	173115	39.924	ng	98
10) Phenol	7.30	94	340887	49.885	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	228021	43.478	ng	91
12) 1,3-Dichlorobenzene	8.01	146	256016	41.828	ng	96
13) 1,4-Dichlorobenzene	8.16	146	256257	41.819	ng	99
14) 1,2-Dichlorobenzene	8.48	146	240306	41.197	ng	98
15) Benzyl Alcohol	8.35	79	264231	46.207	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	500648	43.471	ng	98
17) 2-Methylphenol	8.55	107	216852	47.433	ng	97
18) Hexachloroethane	9.21	117	93926	41.518	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	212432	43.265	ng	98
20) 3+4-Methylphenols	8.88	107	292569	46.425	ng	99
22) Acetophenone	8.94	105	369034	46.772	ng	98
24) Nitrobenzene	9.32	77	299970	47.624	ng	99
25) Isophorone	9.85	82	582437	46.565	ng	97
26) 2-Nitrophenol	10.03	139	122806	49.582	ng	94
27) 2,4-Dimethylphenol	10.09	122	241920	55.217	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	319439	45.795	ng	99
29) 2,4-Dichlorophenol	10.57	162	250308	49.164	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	271595	43.693	ng	96
31) Naphthalene	10.98	128	717180	46.495	ng	99
32) Benzoic acid	10.22	122	169655	47.891	ng	91
33) 4-Chloroaniline	11.07	127	211160	29.289	ng	96
34) Hexachlorobutadiene	11.27	225	187339	43.015	ng	96
35) Caprolactam	11.84	113	91818m	48.497	ng	
36) 4-Chloro-3-methylphenol	12.19	107	277245	50.153	ng	96
37) 2-Methylnaphthalene	12.58	142	539450	46.687	ng	99
38) 1-Methylnaphthalene	12.79	142	500256	46.161	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	332679	46.914	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042789.D
Acq On : 12 Sep 2019 19:34
Operator : HP/JU
Sample : K4852-10MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:30 AM

Quant Time: Sep 13 08:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	409988	100.923	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	224377	47.527	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	248062	51.298	ng		98
46) 1,1'-Biphenyl	13.58	154	719191	47.872	ng		98
47) 2-Chloronaphthalene	13.62	162	562046	45.226	ng		99
48) 2-Nitroaniline	13.81	65	203593	47.225	ng		98
49) Acenaphthylene	14.46	152	908426	47.834	ng		97
50) Dimethylphthalate	14.19	163	816327	50.779	ng		98
51) 2,6-Dinitrotoluene	14.30	165	166159	50.372	ng		97
52) Acenaphthene	14.80	154	622259	50.154	ng		100
53) 3-Nitroaniline	14.63	138	130704	35.305	ng		97
54) 2,4-Dinitrophenol	14.83	184	157498	96.989	ng	#	73
55) Dibenzofuran	15.14	168	879446	47.688	ng		99
56) 4-Nitrophenol	14.93	139	286394	100.052	ng		97
57) 2,4-Dinitrotoluene	15.09	165	216975	49.348	ng	#	95
58) Fluorene	15.79	166	718679	47.022	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	237607	50.688	ng		99
60) Diethylphthalate	15.56	149	740651	45.387	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	410455	45.421	ng		97
62) 4-Nitroaniline	15.79	138	181338	45.442	ng		95
63) Azobenzene	16.07	77	746273	47.491	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	118280	55.829	ng		94
66) n-Nitrosodiphenylamine	15.99	169	654255	49.104	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	275680	46.000	ng		98
68) Hexachlorobenzene	16.79	284	287218	44.852	ng		97
69) Atrazine	16.93	200	254118	54.769	ng		98
70) Pentachlorophenol	17.13	266	400032	105.303	ng		94
71) Phenanthrene	17.52	178	1144501	48.333	ng		98
72) Anthracene	17.62	178	1171730	49.530	ng		99
73) Carbazole	17.88	167	1100559	48.946	ng		96
74) Di-n-butylphthalate	18.45	149	1262665	46.878	ng		98
75) Fluoranthene	19.53	202	1518227	49.471	ng		99
77) Benzidine	19.70	184	802405	57.762	ng		98
78) Pyrene	19.89	202	1514702	48.659	ng		99
80) Butylbenzylphthalate	20.78	149	596263	47.330	ng		99
81) Benzo(a)anthracene	21.74	228	1489261	47.108	ng		96
82) 3,3'-Dichlorobenzidine	21.65	252	422459	34.387	ng		100
83) Chrysene	21.81	228	1419777	47.413	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	824412	47.893	ng		99
85) Di-n-octyl phthalate	22.91	149	1424633	48.548	ng		100
86) Indeno(1,2,3-cd)pyrene	28.78	276	1822817	49.155	ng	#	93
88) Benzo(b)fluoranthene	24.00	252	1588885	47.963	ng		96
89) Benzo(k)fluoranthene	24.07	252	1514692	48.404	ng		99
90) Benzo(a)pyrene	24.89	252	1548483	49.920	ng		99
91) Dibenzo(a,h)anthracene	28.85	278	1496768	49.060	ng		98
92) Benzo(g,h,i)perylene	29.96	276	1491540	50.122	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042789.D
Acq On : 12 Sep 2019 19:34
Operator : HP/JU
Sample : K4852-10MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 13 08:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MS

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:30 AM