Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042846.D
Acq On : 16 Sep 2019 12:46
Operator : HP/JU
Sample : PB123110BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123110BS

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:40 PM

Quant Time: Sep 17 02:15:45 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	72754	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	311737	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	230808	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	598789	20.00	ng	0.00
76) Chrysene-d12	21.76	240	617622	20.00	ng	0.00
87) Perylene-d12	25.03	264	619684	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	540319	129.12	ng	0.00
7) Phenol-d6	7.27	99	774538	128.95	ng	0.00
23) Nitrobenzene-d5	9.27	82	440416	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	387463	126.18	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1018124	69.83	ng	0.00
79) Terphenyl-d14	20.09	244	2026205	72.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	70519	36.924	ng	97
3) Pyridine	3.98	79	178118	30.976	ng	98
4) n-Nitrosodimethylamine	3.89	42	107293	38.346	ng	88
6) Aniline	7.44	93	272368	33.609	ng	98
8) 2-Chlorophenol	7.68	128	220047	48.645	ng	98
9) Benzaldehyde	7.25	77	140991	36.071	ng	93
10) Phenol	7.29	94	302104	49.044	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	201919	42.712	ng	95
12) 1,3-Dichlorobenzene	8.01	146	222904	40.401	ng	97
13) 1,4-Dichlorobenzene	8.15	146	225995	40.913	ng	98
14) 1,2-Dichlorobenzene	8.48	146	214944	40.879	ng	97
15) Benzyl Alcohol	8.35	79	232201	45.046	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	392007	37.760	ng	97
17) 2-Methylphenol	8.55	107	200893	48.748	ng	99
18) Hexachloroethane	9.21	117	84035	41.207	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	189563	42.830	ng	92
20) 3+4-Methylphenols	8.88	107	276930	48.749	ng	98
22) Acetophenone	8.93	105	331867	42.153	ng	96
24) Nitrobenzene	9.32	77	272490	43.356	ng	95
25) Isophorone	9.84	82	517071	41.429	ng	99
26) 2-Nitrophenol	10.03	139	118969	48.138	ng	93
27) 2,4-Dimethylphenol	10.09	122	224329	51.313	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	290763	41.774	ng	97
29) 2,4-Dichlorophenol	10.57	162	238805	47.006	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	247554	39.911	ng	99
31) Naphthalene	10.98	128	660562	42.917	ng	100
32) Benzoic acid	10.20	122	153249	43.919	ng	97
33) 4-Chloroaniline	11.07	127	206317	28.679	ng	97
34) Hexachlorobutadiene	11.27	225	163080	37.526	ng	94
35) Caprolactam	11.84	113	94377m	49.956	ng	
36) 4-Chloro-3-methylphenol	12.19	107	271791	49.273	ng	98
37) 2-Methylnaphthalene	12.58	142	503958	43.710	ng	97
38) 1-Methylnaphthalene	12.79	142	471897	43.639	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	305026	39.993	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042846.D
Acq On : 16 Sep 2019 12:46
Operator : HP/JU
Sample : PB123110BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:40 PM

Quant Time: Sep 17 02:15:45 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	372389	85.229	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	222852	43.889	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	240934	46.325	ng		94
46) 1,1'-Biphenyl	13.58	154	677296	41.917	ng		99
47) 2-Chloronaphthalene	13.62	162	529461	39.612	ng		98
48) 2-Nitroaniline	13.80	65	209171	45.112	ng		98
49) Acenaphthylene	14.46	152	884818	43.318	ng		98
50) Dimethylphthalate	14.19	163	737918	42.678	ng		100
51) 2,6-Dinitrotoluene	14.30	165	170516	48.062	ng		94
52) Acenaphthene	14.80	154	629373	47.164	ng		99
53) 3-Nitroaniline	14.63	138	137828	34.615	ng	#	91
54) 2,4-Dinitrophenol	14.83	184	195297	111.819	ng	#	73
55) Dibenzofuran	15.13	168	854460	43.079	ng		99
56) 4-Nitrophenol	14.93	139	325959	105.876	ng		93
57) 2,4-Dinitrotoluene	15.09	165	246943	52.219	ng	#	97
58) Fluorene	15.78	166	723347	44.004	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246959	48.983	ng		98
60) Diethylphthalate	15.55	149	769408	43.838	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	408603	42.040	ng		98
62) 4-Nitroaniline	15.78	138	208706	48.627	ng		95
63) Azobenzene	16.07	77	739162	43.735	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	141961	55.408	ng		98
66) n-Nitrosodiphenylamine	15.98	169	676804	42.004	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	285172	39.347	ng		99
68) Hexachlorobenzene	16.79	284	296388	38.272	ng		98
69) Atrazine	16.93	200	276478	49.274	ng		98
70) Pentachlorophenol	17.12	266	435253	94.742	ng		95
71) Phenanthrene	17.52	178	1217760	42.525	ng		100
72) Anthracene	17.61	178	1233333	43.109	ng		100
73) Carbazole	17.88	167	1215673	44.707	ng		97
74) Di-n-butylphthalate	18.44	149	1394906	42.824	ng		99
75) Fluoranthene	19.53	202	1640956	44.215	ng		98
77) Benzidine	19.70	184	658577	38.166	ng		98
78) Pyrene	19.89	202	1648139	42.624	ng		98
80) Butylbenzylphthalate	20.77	149	657450	42.012	ng		99
81) Benzo(a)anthracene	21.74	228	1619071	41.230	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	512478	33.581	ng		99
83) Chrysene	21.81	228	1552978	41.750	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	896680	41.936	ng		99
85) Di-n-octyl phthalate	22.89	149	1528839	41.942	ng		99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1893202	41.100	ng	#	92
88) Benzo(b)fluoranthene	23.99	252	1653518	45.443	ng		98
89) Benzo(k)fluoranthene	24.06	252	1620928	47.159	ng		97
90) Benzo(a)pyrene	24.88	252	1620566	47.564	ng		99
91) Dibenzo(a,h)anthracene	28.85	278	1584220	47.276	ng		99
92) Benzo(g,h,i)perylene	29.94	276	1563713	47.840	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042846.D
Acq On : 16 Sep 2019 12:46
Operator : HP/JU
Sample : PB123110BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 02:15:45 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 :
PB123110BS

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:40 PM