Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000509.D
Acq On : 04 Oct 2019 16:00
Operator : JU
Sample : PB123656BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123656BS

Manual Integrations APPROVED
mohammad
10/7/2019 4:38:13 PM

Quant Time: Oct 04 23:53:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	189029	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	652043	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	432162	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	808634	20.00	ng		0.00
76) Chrysene-d12	13.99	240	691900	20.00	ng		0.00
87) Perylene-d12	15.46	264	470756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1217009	103.49	ng		0.00
7) Phenol-d6	6.41	99	1402759	98.99	ng		0.00
23) Nitrobenzene-d5	7.33	82	725248	67.93	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	542973	117.90	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1728875	64.73	ng		0.00
79) Terphenyl-d14	12.92	244	2188122	64.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	205090	43.673	ng		98
3) Pyridine	3.23	79	467257	36.418	ng		100
4) n-Nitrosodimethylamine	3.18	42	156862	43.446	ng		99
6) Aniline	6.43	93	569788	33.097	ng	#	80
8) 2-Chlorophenol	6.56	128	511026	44.032	ng		96
9) Benzaldehyde	6.31	77	224594	30.427	ng		99
10) Phenol	6.42	94	584276	40.270	ng		89
11) bis(2-Chloroethyl)ether	6.50	93	457831	41.015	ng		97
12) 1,3-Dichlorobenzene	6.71	146	568513	40.410	ng		99
13) 1,4-Dichlorobenzene	6.79	146	576106	40.695	ng		98
14) 1,2-Dichlorobenzene	6.94	146	524484	40.128	ng		100
15) Benzyl Alcohol	6.91	79	395290	43.193	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	371890	36.118	ng		98
17) 2-Methylphenol	7.03	107	396468	41.335	ng		98
18) Hexachloroethane	7.28	117	195549	38.812	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	251866	38.560	ng		99
20) 3+4-Methylphenols	7.18	107	470443	41.917	ng	#	78
22) Acetophenone	7.18	105	640355	42.502	ng	#	98
24) Nitrobenzene	7.35	77	447721	43.482	ng		99
25) Isophorone	7.59	82	823386	43.456	ng		98
26) 2-Nitrophenol	7.66	139	237877	43.930	ng		97
27) 2,4-Dimethylphenol	7.70	122	394406	47.517	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	513654	39.891	ng		100
29) 2,4-Dichlorophenol	7.91	162	417014	44.434	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	462447	41.956	ng		99
31) Naphthalene	8.08	128	1272341	41.781	ng		99
32) Benzoic acid	7.82	122	166850	31.835	ng		99
33) 4-Chloroaniline	8.12	127	430246	32.177	ng		98
34) Hexachlorobutadiene	8.19	225	276161	41.459	ng		100
35) Caprolactam	8.48	113	141941m	45.155	ng		
36) 4-Chloro-3-methylphenol	8.61	107	430435	46.827	ng		99
37) 2-Methylnaphthalene	8.77	142	868765	42.497	ng		99
38) 1-Methylnaphthalene	8.86	142	924678	47.870	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	510976	37.356	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000509.D
Acq On : 04 Oct 2019 16:00
Operator : JU
Sample : PB123656BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123656BS

Manual Integrations APPROVED
mohammad
10/7/2019 4:38:13 PM

Quant Time: Oct 04 23:53:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	399351	73.582	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	320804	38.099	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	336970	38.760	ng		99
46) 1,1'-Biphenyl	9.23	154	1192199	36.548	ng		97
47) 2-Chloronaphthalene	9.26	162	939055	37.228	ng		98
48) 2-Nitroaniline	9.35	65	212598	34.813	ng		94
49) Acenaphthylene	9.67	152	1458016	38.312	ng		98
50) Dimethylphthalate	9.53	163	1137684	37.887	ng		99
51) 2,6-Dinitrotoluene	9.59	165	252681	38.587	ng		94
52) Acenaphthene	9.85	154	922714	39.971	ng		99
53) 3-Nitroaniline	9.76	138	242009	32.253	ng		95
54) 2,4-Dinitrophenol	9.87	184	191370	87.579	ng		97
55) Dibenzofuran	10.02	168	1460978	42.337	ng		100
56) 4-Nitrophenol	9.94	139	419712	87.615	ng		97
57) 2,4-Dinitrotoluene	10.00	165	374065	43.082	ng		99
58) Fluorene	10.37	166	1094887	44.518	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	324825	44.199	ng		98
60) Diethylphthalate	10.24	149	1177821	41.319	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	583516	44.121	ng		96
62) 4-Nitroaniline	10.39	138	305969	42.399	ng		96
63) Azobenzene	10.52	77	922833	42.167	ng		94
65) 4,6-Dinitro-2-methylphenol	10.42	198	166899	46.560	ng		97
66) n-Nitrosodiphenylamine	10.48	169	1006846	42.751	ng		97
67) 4-Bromophenyl-phenylether	10.85	248	385012	42.297	ng	#	93
68) Hexachlorobenzene	10.92	284	422993	40.893	ng		95
69) Atrazine	11.01	200	325106	42.064	ng		98
70) Pentachlorophenol	11.12	266	428166	103.058	ng		97
71) Phenanthrene	11.33	178	1682890	41.439	ng		99
72) Anthracene	11.39	178	1709739	42.459	ng		99
73) Carbazole	11.55	167	1548752	41.491	ng		98
74) Di-n-butylphthalate	11.88	149	1678537	36.914	ng		99
75) Fluoranthene	12.54	202	1903267	41.728	ng		98
77) Benzidine	12.66	184	563976	28.149	ng		99
78) Pyrene	12.77	202	1981170	41.516	ng		99
80) Butylbenzylphthalate	13.40	149	842622	40.522	ng		97
81) Benzo(a)anthracene	13.97	228	1735780	41.117	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	631821	37.679	ng		97
83) Chrysene	14.01	228	1731617	41.792	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1050069	40.151	ng		99
85) Di-n-octyl phthalate	14.59	149	1747574	36.866	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1472915	28.458	ng	#	92
88) Benzo(b)fluoranthene	15.03	252	1825272	68.344	ng		97
89) Benzo(k)fluoranthene	15.06	252	1811252	71.235	ng		99
90) Benzo(a)pyrene	15.40	252	1235469	49.625	ng	#	97
91) Dibenzo(a,h)anthracene	16.96	278	1221109	50.572	ng	#	95
92) Benzo(g,h,i)perylene	17.39	276	1233821	50.286	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000509.D
Acq On : 04 Oct 2019 16:00
Operator : JU
Sample : PB123656BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 23:53:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB123656BS

Manual Integrations APPROVED
mohammad
10/7/2019 4:38:13 PM