Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000863.D
Acq On : 18 Oct 2019 03:05
Operator : JU
Sample : K5401-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:41 PM

Quant Time: Oct 18 08:28:28 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	6.75	152	227056	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	768737	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	411556	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	749317	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	561632	20.00	ng		0.00
87) Perylene-d12	15.45	264	668662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1699937	120.35	ng		0.00
7) Phenol-d6	6.40	99	2085419	122.52	ng		0.00
23) Nitrobenzene-d5	7.32	82	1220376	96.96	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	661417	150.82	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2427847	95.45	ng		-0.01
79) Terphenyl-d14	12.90	244	2547361	91.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	207792	36.838	ng		99
3) Pyridine	3.26	79	517258	33.563	ng		99
4) n-Nitrosodimethylamine	3.19	42	180905	41.714	ng		96
6) Aniline	6.42	93	653943	31.623	ng	#	13
8) 2-Chlorophenol	6.55	128	613920	44.038	ng		95
9) Benzaldehyde	6.30	77	318767	35.953	ng		95
10) Phenol	6.42	94	699917	40.161	ng		86
11) bis(2-Chloroethyl)ether	6.49	93	570940	42.581	ng		99
12) 1,3-Dichlorobenzene	6.69	146	709764	42.001	ng		98
13) 1,4-Dichlorobenzene	6.77	146	721963	42.457	ng		98
14) 1,2-Dichlorobenzene	6.92	146	655575	41.757	ng		98
15) Benzyl Alcohol	6.90	79	460676	41.907	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	476582	38.534	ng		73
17) 2-Methylphenol	7.02	107	499064	43.318	ng		96
18) Hexachloroethane	7.26	117	243988	40.316	ng		94
19) n-Nitroso-di-n-propylamine	7.17	70	332507	42.380	ng		99
20) 3+4-Methylphenols	7.17	107	603091	44.736	ng	#	72
22) Acetophenone	7.16	105	827682	46.596	ng	#	97
24) Nitrobenzene	7.33	77	563689	46.435	ng		99
25) Isophorone	7.58	82	1068650	47.838	ng		99
26) 2-Nitrophenol	7.65	139	329424	51.602	ng		98
27) 2,4-Dimethylphenol	7.70	122	540207	55.203	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	710087	46.775	ng		100
29) 2,4-Dichlorophenol	7.90	162	554722	50.134	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	623721	47.998	ng		98
31) Naphthalene	8.06	128	1750955	48.769	ng		99
32) Benzoic acid	7.83	122	275224	44.541	ng		98
33) 4-Chloroaniline	8.10	127	514003	32.606	ng		99
34) Hexachlorobutadiene	8.18	225	379004	48.261	ng		97
35) Caprolactam	8.48	113	174847m	47.179	ng		
36) 4-Chloro-3-methylphenol	8.60	107	543747	50.175	ng		98
37) 2-Methylnaphthalene	8.75	142	1205026	49.998	ng		98
38) 1-Methylnaphthalene	8.85	142	1112826	48.865	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	636815	48.887	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000863.D
Acq On : 18 Oct 2019 03:05
Operator : JU
Sample : K5401-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:41 PM

Quant Time: Oct 18 08:28:28 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	8.91	237	239340	49.012	ng		99
43) 2,4,6-Trichlorophenol	9.04	196	394697	49.222	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	418682	50.570	ng		98
46) 1,1'-Biphenyl	9.22	154	1469835	47.315	ng		97
47) 2-Chloronaphthalene	9.25	162	1152250	47.967	ng		99
48) 2-Nitroaniline	9.34	65	267862	46.059	ng		95
49) Acenaphthylene	9.66	152	1780484	49.129	ng		99
50) Dimethylphthalate	9.53	163	1843900	64.479	ng		100
51) 2,6-Dinitrotoluene	9.59	165	310191	49.741	ng		97
52) Acenaphthene	9.83	154	1029680	46.837	ng		99
53) 3-Nitroaniline	9.76	138	241049	33.734	ng		88
54) 2,4-Dinitrophenol	9.87	184	90947	43.705	ng		99
55) Dibenzofuran	10.01	168	1589374	48.364	ng		99
56) 4-Nitrophenol	9.94	139	387006	84.832	ng		95
57) 2,4-Dinitrotoluene	10.00	165	396556	47.960	ng		96
58) Fluorene	10.35	166	1221451	52.151	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	335139	47.886	ng		98
60) Diethylphthalate	10.23	149	1335092	49.182	ng		99
61) 4-Chlorophenyl-phenylether	10.35	204	650254	51.629	ng		97
62) 4-Nitroaniline	10.38	138	302506	44.018	ng		97
63) Azobenzene	10.50	77	1024965	49.178	ng		98
65) 4,6-Dinitro-2-methylphenol	10.41	198	89382	26.909	ng		99
66) n-Nitrosodiphenylamine	10.47	169	1120165	51.327	ng		97
67) 4-Bromophenyl-phenylether	10.84	248	430149	50.997	ng		97
68) Hexachlorobenzene	10.92	284	460558	48.049	ng	#	94
69) Atrazine	11.00	200	352318	49.194	ng		98
70) Pentachlorophenol	11.11	266	397363	103.215	ng		97
71) Phenanthrene	11.33	178	1931078	51.314	ng		100
72) Anthracene	11.37	178	1891553	50.693	ng		99
73) Carbazole	11.53	167	1685970	48.742	ng		97
74) Di-n-butylphthalate	11.87	149	2064197	48.989	ng		99
75) Fluoranthene	12.53	202	2234920	52.878	ng		99
77) Benzidine	12.65	184	1297456	79.777	ng		98
78) Pyrene	12.76	202	2224473	57.427	ng		99
80) Butylbenzylphthalate	13.39	149	870124	51.550	ng		99
81) Benzo(a)anthracene	13.97	228	1792903	52.321	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	708344	52.041	ng		97
83) Chrysene	14.00	228	1727798	51.371	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1131292	53.290	ng		99
85) Di-n-octyl phthalate	14.58	149	2067111	53.722	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	2007504	47.783	ng		98
88) Benzo(b)fluoranthene	15.03	252	2072597	54.636	ng		98
89) Benzo(k)fluoranthene	15.06	252	1655156	45.829	ng		98
90) Benzo(a)pyrene	15.40	252	1857524	52.528	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1648138	48.055	ng		97
92) Benzo(g,h,i)perylene	17.39	276	1644493	47.187	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000863.D
Acq On : 18 Oct 2019 03:05
Operator : JU
Sample : K5401-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 18 08:28:28 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 :
RBR200031-RT4221MSD

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:41 PM